



DECRETO DIRIGENZIALE

Rep. 200828 prot. n. 1187 del 20/09/2022

G052 2022 Affidamento ex art. 63 comma 3 lett. b) d.lgs 50/2016 della fornitura di materiali di consumo per il corretto funzionamento le piattaforme di sequenziamento massivo di DNA Illumina NovaSeq 6000 e MiSeq della ditta Illumina Italy s.r.l in funzione presso il Dipartimento di Biologia. CIG 9310829328 – Importo stimato dell'accordo quadro € 250.000,00 + IVA per 18 mesi, oneri per la sicurezza non soggetti a ribasso € 0,00.

Il Dirigente,

VISTO il d.lgs. 18 aprile 2016 n. 50 e ss.mm. ii recante “Codice dei contratti” e relative Linee guida dell’Autorità Nazionale Anticorruzione;

VISTO lo Statuto dell’Università degli Studi di Firenze;

VISTO il Regolamento di Amministrazione, Finanza e Contabilità dell’Università degli Studi di Firenze;

VISTO il decreto Direttore Generale n. 882/2022 prot. 138633 del 30/06/2022 di delega alla firma degli atti della Centrale Acquisti;

VISTA la relazione del Responsabile Unico del Procedimento prot. 199560 del 19 09 2022 (Allegato 1) dalla quale emerge che:

- 1) considerato il fabbisogno annuale di materiali di consumo per la preparazione di acidi nucleici da sequenziare mediante le piattaforme di sequenziamento massivo Illumina NovaSeq 6000 e MiSeq in funzione presso il Dipartimento di Biologia, nonché dei materiali di consumo da utilizzare per il funzionamento e manutenzione delle suddette piattaforme, si rendono necessari, per un minimo di 18 mesi nel corso del 2022 e 2023, acquisti ripetuti dei suddetti materiali di consumo;
- 2) dopo un’attenta ricerca di mercato, un’indagine effettuata consultando i cataloghi di settore, e a seguito di consulenze con colleghi e rappresentanti dell’area biomedica sul territorio nazionale, i materiali di consumo offerti dalla ditta Illumina Italy S.r.l. risultano essere gli unici sul mercato a poter assicurare la corretta preparazione dei campioni ed il corretto funzionamento delle suddette piattaforme di sequenziamento Illumina;



- 3) in considerazione del listino prezzi la stima di spesa è pari a circa € 250.000,00 oltre Iva (importo presunto e non garantito)
- 4) è richiesto avvio di procedura ai sensi dell'art.63 co 3 lett. b) del D.Lgs 50/2016 per l'affidamento di una fornitura materiali di consumo per il corretto funzionamento delle piattaforme di sequenziamento massivo di DNA mediante sintesi NovaSeq 6000 e MiSeq della ditta Illumina Italy S.r.l in funzione presso il Dipartimento di Biologia. alla ditta Illumina Italy S.r.l - in quanto prestazione infungibile e complementare al suddetto sistema di piattaforme - mediante accordo quadro della durata di n. 18 mesi;

PRESO ATTO che il Responsabile Unico del Procedimento in calce alla suddetta relazione ha restituito la dichiarazione di assenza situazioni di conflitto di interesse / incompatibilità;

VISTA l'integrazione alla relazione del Responsabile Unico del Procedimento prot. Prot 200604 del 20.09.22 per aggiornamento del Listino Prezzi;

PRESO ATTO che conformemente alla Delibera dell'Autorità Nazionale Anticorruzione n. 830 del 21 dicembre 2021 recante "Attuazione dell'art. 1, commi 65 e 67, della legge 23 dicembre 2005, n. 266" (GU n.64 del 17-3-2022) è previsto contributo dovuto ad Anac da parte della Stazione Appaltante pari ad € 225;

VISTO che la fornitura in oggetto non è acquisibile mediante gli strumenti di acquisto messi a disposizione da Consip S.p.A. o da altro soggetto aggregatore;

DATO ATTO che gli esiti delle verifiche di legge previste dall'art. 80 del d.lgs. 50/2016 e dall'art. 91 del d.lgs. 159/2011, sono agli atti, eccetto l'informativa antimafia per la quale è in istruttoria l'istanza alla BDNA prot. 0045397 id. 3992998;

CONSIDERATO che la spesa per l'affidamento della fornitura graverà sui fondi di ricerca dei docenti che effettueranno gli ordini di acquisto dei prodotti forniti dalla Ditta Illumina oggetto della fornitura in questione.

ciò premesso

DECRETA

- a) l'affidamento ai sensi dell'art.63 co 3 lett. b) del D.Lgs 50/2016 - in quanto prestazione infungibile e complementare al sistema NovaSeq 6000 MiSeq - per l'affidamento della



- fornitura, mediante accordo quadro della durata di n. 18 mesi, alla ditta Illumina Italy S.r.l con sede legale in Viale Certosa 218 - 20156 – Milano P.I. 6814140965 di una fornitura materiali di consumo per il corretto funzionamento delle piattaforme di sequenziamento massivo sovradetto;
- b) di prevedere, in considerazione della natura altamente specialistica della fornitura nonché dell'assistenza della strumentazione oggetto della presente procedura, che sia vietato il subappalto ex art. 105 del Codice dei Contratti;
 - c) la spesa per l'affidamento della fornitura graverà sui fondi di ricerca dei docenti che effettueranno gli ordini di acquisto dei prodotti forniti dalla Ditta Illumina oggetto della fornitura in questione;
 - d) la facoltà dell'Università di procedere all' esecuzione anticipata dei servizi in via d'urgenza, anche nelle more della stipulazione formale del contratto, ai sensi dell'art. 32 comma 8 e comma 13 del Codice dei Contratti;
 - e) il presente provvedimento è sottoposto a condizione risolutiva in ordine al positivo esito della certificazione antimafia, in istruttoria;
 - f) di procedere, in esito all'aggiudicazione della gara di appalto, alla contrattualizzazione nella forma di scrittura privata ai sensi e per gli effetti dell'art. 32, comma 14 del D.lgs. 50/2016;
 - g) la pubblicazione del presente atto sul profilo web dell'Amministrazione www.unifi.it sezione Bandi di Gara, sull'Albo Ufficiale di Ateneo e sulla Piattaforma SITAT SA REGIONE TOSCANA, GUUE.

Il Dirigente

F. to Dott. Massimo Benedetti

Allegati:

- 1) relazione RUP
- 2) Listino prezzi aggiornato



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Fornitura di materiali di consumo il corretto funzionamento delle piattaforme di sequenziamento massivo di DNA mediante sintesi NovaSeq 6000 e MiSeq della ditta Illumina Italy S.r.l in funzione presso il Dipartimento di Biologia.

CIG 9310829328

RELAZIONE

Responsabile Unico del Procedimento

La presente relazione è rilasciata dalla sottoscritta Dott.ssa Ilaria Gallotta, in qualità di Responsabile del Procedimento ai sensi dell'art. 31 del D. L.gs. 50/2016, incaricata con delibera del Consiglio di Dipartimento del 17 marzo 2022.

Come si evince dalla Relazione a firma del Prof. Ciofi, per poter assicurare il corretto funzionamento delle piattaforme di sequenziamento massivo di DNA mediante sintesi NovaSeq 6000 e MiSeq della ditta Illumina Italy S.r.l in funzione presso il Dipartimento di Biologia è necessario procedere all'acquisto di materiali di consumo offerti dalla stessa ditta Illumina Italy S.r.l.

In particolare, la famiglia di prodotti del listino prezzi Illumina 2022 "Consumables – NovaSeq – Standard Consumables" riportata nella scontistica Illumina come "NovaSeq v1.5 Sequencing Consumables" include soluzioni tampone, enzimi e celle di flusso per il corretto funzionamento del sistema di sequenziamento della piattaforma NovaSeq 6000. Rappresentano pertanto fornitura infungibile e complementare al sistema NovaSeq 6000.

La famiglia di prodotti del listino prezzi Illumina 2022 "Consumables – NovaSeq – Consumables Accessory" riportata nella scontistica Illumina come "Sequencing Accessory" include accessori necessari al corretto caricamento di librerie di DNA sulla piattaforma NovaSeq 6000, e rappresentano quindi fornitura infungibile e complementare al sistema NovaSeq 6000.

La famiglia di prodotti del listino prezzi Illumina 2022 "Consumables – Library Prep – Library Prep Consumables" riportata nella scontistica Illumina come "DNA Lib Prep", "RNA Lib Prep" e "Covid Lib Prep" include materiali per la costruzione di librerie genomiche a DNA e RNA che assicurano il massimo rendimento delle piattaforme NovaSeq 6000 e MiSeq durante la produzione di sequenze di acidi nucleici, e rappresentano pertanto forniture infungibili e complementari al sistema NovaSeq 6000 che al sistema MiSeq.

La famiglia di prodotti del listino prezzi Illumina 2022 "Consumables – MiSeq – Standard Consumables" riportata nella scontistica Illumina come "MiSeq Sequencing Consumables", include soluzioni tampone, enzimi e celle di flusso per il corretto funzionamento del sistema di sequenziamento della piattaforma MiSeq. Rappresentano quindi fornitura infungibile e complementare al sistema MiSeq.

Infine, la famiglia di prodotti del listino prezzi Illumina 2022 "Consumables – SQ Misc – Consumables Accessory" riportata nella scontistica Illumina come "Sequencing Accessory", include DNA di controllo e materiale plastico specifici rispettivamente per la corretta definizione

dei risultati di sequenziamento e del corretto caricamento dei tubi contenenti le librerie di DNA in apposite strutture all'interno delle piattaforme NovaSeq 6000 e MiSeq. Rappresentano anche questi fornitura infungibile e complementare ai suddetti sistemi.

A seguito di un veloce sondaggio tra i componenti del DBIO che hanno in programma l'acquisto di reagenti Illumina e di un calcolo della quantità di reagenti che dovrebbero essere acquistati per lo svolgimento del servizio l'importo totale di spesa è di circa € 250.000,00 + IVA sull'arco di 18 mesi. Tale importo si ritiene congruo.

La sottoscritta in esito ad avvenute informali indagini di mercato dichiara con la sottoscrizione del presente atto che l'importo indicato risulta congruo e accettabile per la fornitura in oggetto.

La spesa graverà sui fondi di ricerca dei docenti che effettueranno gli ordini di acquisto dei prodotti forniti dalla Ditta Illumina oggetto della fornitura in questione.

La fornitura non è rinvenibile nei bandi di cui al Mercato Elettronico della Pubblica Amministrazione (Mepa) e non sono presenti convenzioni in Consip.

I costi relativi alla sicurezza di cui all'art. 26, comma 5, del D.Lgs. 9 aprile 2008 n. 81, non soggetti a ribasso in fase di gara, sono pari a 0 (zero), in quanto in relazione all'oggetto e alle modalità di esecuzione delle prestazioni non si ravvisano rischi da interferenze. Non è pertanto necessaria la redazione del "Documento Unico di Valutazione dei Rischi da Interferenza.

Per tali motivazioni e per quanto sopra esposto la Sottoscritta:

PROPONE di procedere ad affidamento ex art. 63 (affidamento complementare) mediante stipula di accordo quadro annuale con la ditta Illumina per poter assicurare il corretto funzionamento delle piattaforme di sequenziamento massivo di DNA mediante sintesi NovaSeq 6000 e MiSeq della ditta Illumina Italy S.r.l in funzione presso il Dipartimento di Biologia.

La sottoscritta in qualità di Responsabile del procedimento di gara, ai sensi dell'art. 6- bis della L. 241/90 dichiara inoltre di non trovarsi in situazioni di incompatibilità né in condizioni di conflitto di interessi anche potenziale con la società affidataria della procedura in oggetto.

Firenze 19 settembre 2022

Il Responsabile unico del procedimento
Dott.ssa Ilaria Gallotta



Allegati:

- Relazione prof Ciofi
- Listino prezzi Illumina



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jSesto F.no, lì 16/03/2022

Al Direttore del Dipartimento di Biologia
SEDE

Oggetto: Richiesta stipula contratto con Illumina s.r.l. per fornitura materiali di consumo

Considerato il fabbisogno annuale di materiali di consumo per la preparazione di acidi nucleici da sequenziare mediante le piattaforme di sequenziamento massivo Illumina NovaSeq 6000 e MiSeq in funzione presso il Dipartimento di Biologia, e dei materiali di consumo da utilizzare per il funzionamento e manutenzione delle suddette piattaforme, si rendono necessari, per un minimo di 18 mesi nel corso del 2022 e 2023, acquisti ripetuti dei suddetti materiali di consumo dalla ditta Illumina Italy S.r.l. per un totale di circa €250,000.

Dopo un'attenta ricerca di mercato, un'indagine effettuata consultando i cataloghi di settore, e a seguito di consulenze con colleghi e rappresentanti dell'area biomedica sul territorio nazionale, i materiali di consumo offerti dalla ditta Illumina Italy S.r.l. risultano essere gli unici sul mercato a poter assicurare la corretta preparazione dei campioni ed il corretto funzionamento delle suddette piattaforme di sequenziamento.

Si richiede per cui di considerare la stipula di un contratto con Illumina Italy S.r.l. per ottemperare alle suddette esigenze

In Fede,

Il responsabile
del laboratorio di genomica avanzata
del Dipartimento di Biologia
Prof. Claudio Ciofi

Prof. Claudio Ciofi

Via Madonna del Piano, 6 – 50019 Sesto Fiorentino (FI)
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illumina®

Instrument SQ Misc Instrument Spares

Material #	Catalog #	Product Name	Product Description	Qty	EUR
20022240	--	NextSeq Air Filter	NextSeq Air Filters ensure that internal components of the instrument remain free of dust and other environmental contaminants for optimal performance. We recommend replacing air filters every 90 days as part of standard NextSeq preventative maintenance.	1	83
20023928	--	iSeq 100 Spare Air Filter	iSeq 100 Spare Air Filter	1	27

Consumables NovaSeq Standard Consumables

Material #	Catalog #	Product Name	Product Description	Qty	EUR
20039236	--	NovaSeq 6000 S4 Kit (300 Cycles)–40 pack	This reagent 40 pack kit provides NovaSeq S4 flow cells (with 4-lanes) and reagent consumables to support forty flow cells and 300 cycles run on the NovaSeq 6000.	1	777,197
20039234	--	NovaSeq 6000 S4 Kit (300 Cycles)–20 pack	This reagent 20 pack kit provides NovaSeq S4 flow cells (with 4-lanes) and reagent consumables to support twenty flow cells and 300 cycles run on the NovaSeq 6000.	1	461,461
20039233	--	NovaSeq 6000 S4 Kit (300 Cycles)–10 pack	This reagent 10 pack kit provides NovaSeq S4 flow cells (with 4-lanes) and reagent consumables to support ten flow cells and 300 cycles run on the NovaSeq 6000.	1	242,874
20012866	--	NovaSeq 6000 S4 Rgt Kit (300 cyc)	This reagent kit provides one NovaSeq S4 flow cell (with 4-lanes) and reagent consumables to support a single flow cell 300 cycles run on the NovaSeq 6000.	1	32,080
20027466	--	NovaSeq 6000 S4 Reagent Kit (200 cycles)	This reagent kit provides the flow cell and reagent consumables to support a single flow cell 200-cycle NovaSeq run.	1	27,829
20012860	--	NovaSeq 5000/6000 S2 Rgt Kit (300 cyc)	This reagent kit provides the flow cell and reagent consumables to support a single flow cell 300 cycles NovaSeq run.	1	15,433
20028312	--	NVSEQ 6000 S4 Rgt Kit v1.5 (300cyc)	This reagent kit provides one NovaSeq S4 flow cell (with 4-lanes) and reagent consumables to support a single flow cell 300 cycles run on the NovaSeq 6000.	1	14,164
20012861	--	NovaSeq 5000/6000 S2 Rgt Kit (200 cyc)	This reagent kit provides the flow cell and reagent consumables to support a single flow cell 200 cycles NovaSeq run.	1	13,156
20028313	--	NVSEQ 6000 S4 Rgt Kit v1.5 (200cyc)	This reagent kit provides the flow cell and reagent consumables to support a single flow cell 200-cycle NovaSeq run.	1	12,714
20044417	--	NVSEQ 6000 S4 Rgt Kit v1.5 (35cyc)	This v1.5 reagent kit provides the flow cell and reagent consumables to support a single S4 flow cell 35 cycles NovaSeq run.	1	10,626
20028314	--	NVSEQ 6000 S2 Rgt Kit v1.5 (300cyc)	This reagent kit provides the flow cell and reagent consumables to support a single flow cell 300 cycles NovaSeq run.	1	9,715
20012862	--	NovaSeq 5000/6000 S2 Rgt Kit (100 cyc)	This reagent kit provides the flow cell and reagent consumables to support a single flow cell 100 cycles NovaSeq run.	1	9,614
20028315	--	NVSEQ 6000 S2 Rgt Kit v1.5 (200cyc)	This reagent kit provides the flow cell and reagent consumables to support a single flow cell 200 cycles NovaSeq run.	1	9,108
20028316	--	NVSEQ 6000 S2 Rgt Kit v1.5 (100cyc)	This reagent kit provides the flow cell and reagent consumables to support a single flow cell 100 cycles NovaSeq run.	1	7,337
20012863	--	NovaSeq 5000/6000 S1 Rgt Kit (300 cyc)	This reagent kit provides the flow cell and reagent consumables to support a single flow cell 300 cycles NovaSeq run.	1	6,679
20012864	--	NovaSeq 5000/6000 S1 Rgt Kit (200 cyc)	This reagent kit provides the flow cell and reagent consumables to support a single flow cell 200 cycles NovaSeq run.	1	5,566
20029137	--	NovaSeq 6000 SP Reagent Kit (500 cycles)	This reagent kit provides the flow cell and reagent consumables to support a single flow cell 500 cycles NovaSeq run.	1	5,566
20028317	--	NVSEQ 6000 S1 Rgt Kit v1.5 (300cyc)	This reagent kit provides the flow cell and reagent consumables to support a single flow cell 300 cycles NovaSeq run.	1	5,313
20028318	--	NVSEQ 6000 S1 Rgt Kit v1.5 (200cyc)	This reagent kit provides the flow cell and reagent consumables to support a single flow cell 200 cycles NovaSeq run.	1	4,908
20028402	--	NVSEQ 6000 SP Rgt Kit v1.5 (500cyc)	This reagent kit provides the flow cell and reagent consumables to support a single flow cell 500 cycles NovaSeq run.	1	4,250
20012865	--	NovaSeq 5000/6000 S1 Rgt Kit (100 cyc)	This reagent kit provides the flow cell and reagent consumables to support a single flow cell 100 cycles NovaSeq run.	1	4,149
20027465	--	NovaSeq 6000 SP Reagent Kit (300 cycles)	This reagent kit provides the flow cell and reagent consumables to support a single flow cell 300 cycles NovaSeq run.	1	3,896

Material #	Catalog #	Product Name	Product Description	Qty	EUR
			run.		
20028319	--	NVSEQ 6000 S1 Rgt Kit v1.5 (100cyc)	This reagent kit provides the flow cell and reagent consumables to support a single flow cell 100 cycles NovaSeq run.	1	3,896
20040326	--	NovaSeq 6000 SP Reagent Kit (200 cycles)	This reagent kit provides the flow cell and reagent consumables to support a single SP flow cell 200 cycles NovaSeq run.	1	3,087
20028400	--	NVSEQ 6000 SP Rgt Kit v1.5 (300cyc)	This reagent kit provides the flow cell and reagent consumables to support a single flow cell 300 cycles NovaSeq run.	1	3,036
20040719	--	NVSEQ 6000 SP Rgt Kit v1.5 (200cyc)	This reagent kit provides the flow cell and reagent consumables to support a single SP flow cell 200 cycles NovaSeq run.	1	2,783
20027464	--	NovaSeq 6000 SP Reagent Kit (100 cycles)	This reagent kit provides the flow cell and reagent consumables to support a single flow cell 100 cycles NovaSeq run.	1	2,277
20028401	--	NVSEQ 6000 SP Rgt Kit v1.5 (100cyc)	This reagent kit provides the flow cell and reagent consumables to support a single flow cell 100 cycles NovaSeq run.	1	2,125
20021663	--	NovaSeq Xp Flow Cell Dock	The NovaSeq Xp Flow Cell Dock is a flow cell holder for all NovaSeq flow cells. The Dock is required when using the optional NovaSeq Xp workflow that allows laboratories to load sequencing libraries into individual flow cell lanes used with the NovaSeq® instrument.	1	2,024
20021665	--	NovaSeq Xp 4-Lane Kit	The NovaSeq Xp 4-Lane Kit is a consumable used along with the NovaSeq Xp Flow Cell Dock in an optional workflow that allows accessibility to individual lanes of the NovaSeq flow cell. The kit consists of ExAmp reagents (3 tubes) and a single manifold needed to load a 4-lane NovaSeq flow cell.	1	1,011
20043131	--	NovaSeq XP 4-Lane Kit v1.5	The NovaSeq Xp 4-Lane Kit is a consumable used along with the NovaSeq Xp Flow Cell Dock in an optional workflow that allows accessibility to individual lanes of the NovaSeq flow cell. The kit consists of ExAmp reagents (3 tubes) and a single manifold needed to load a 4-lane NovaSeq flow cell.	1	606
20021664	--	NovaSeq Xp 2-Lane Kit	The NovaSeq Xp 2-Lane Kit is a consumable used along with the NovaSeq Xp Flow Cell Dock in an optional workflow that allows accessibility to individual lanes of the NovaSeq flow cell. The kit consists of ExAmp reagents (3 tubes) and a single manifold needed to load a 2-lane NovaSeq flow cell.	1	303
20043130	--	NovaSeq XP 2-Lane Kit v1.5	The NovaSeq Xp 2-Lane Kit is a consumable used along with the NovaSeq Xp Flow Cell Dock in an optional workflow that allows accessibility to individual lanes of the NovaSeq flow cell. The kit consists of ExAmp reagents (3 tubes) and a single manifold needed to load a 2-lane NovaSeq flow cell.	1	303

Consumables NovaSeq Consumables Accessory

Material #	Catalog #	Product Name	Product Description	Qty	EUR
20021666	--	NovaSeq Xp 2-Lane Manifold Pack	NovaSeq Xp 2-Lane Manifold Pack is a spare pack containing 16 additional 2-lane manifolds for use with the NovaSeq Xp Workflow.	1	703
20021667	--	NovaSeq Xp 4-Lane Manifold Pack	NovaSeq Xp 4-Lane Manifold Pack is a spare pack containing 16 additional 4-lane manifolds for use with the NovaSeq Xp Workflow.	1	703

Consumables Library Prep Library Prep Consumables

Material #	Catalog #	Product Name	Product Description	Qty	EUR
20023394	--	TruSight cfDNA UMI HiSeq 2500 Kt(48 Spl)	Provides sufficient reagents for the generation and sequencing of 48 UMI-containing libraries enriched with the TST170 DNA probes, on the HiSeq 2500 in High Output mode.	1	141,380
20023395	--	TruSight cfDNA UMI HiSeq 4000 Kt(48 Spl)	Provides sufficient reagents for the generation and sequencing of 48 UMI-containing libraries enriched with the TST170 DNA probes, on the HiSeq 4000.	1	106,034
20043127	--	Illumina® COVIDSeq™ Test (3072 Spl)	Next Generation Sequencing based test for detection of SARS-CoV-2	1	40,293
20044461	--	Illumina® COVIDSeq™ Test -3072 Spl	Next Generation Sequencing based test for detection of SARS-CoV-2 (EUA/IVD labeled)	1	39,393
20043675	--	Illumina® COVIDSeq™ Test 3072 Spl	Next Generation Sequencing based test for detection of SARS-CoV-2	1	39,388
20010182	--	TG TruSeq RNA Access (96 smp, 24 ind)	This is the Illumina Advantage version of the TruSeq RNA Access library prep kit. It provides the same features and benefits of the regular kit, with addition of features that enable a lab to reduce time and cost for QC testing as well as reduce routine disruption: - Single lot shipment - Certificate of Analysis for each new lot - Extended shelf-life (6 months) - Advanced change notification	1	16,352

euro Price Book : EUR

Detail as of - 20 Sep 2022

Material #	Catalog #	Product Name	Product Description	Qty	EUR
15066802	--	VeriSeq NIPT SMP Prep Kit(96 SMP)	The VeriSeq NIPT Sample Prep Kit – 96 (Formerly RH-200-1002)is used with the VeriSeq NIPT Solution – a screening test for the detection of fetal trisomy 21, 18, 13 and sex chromosome aneuploidies. The kit includes reagents and consumables for the extraction, library preparation and quantitation of cell free DNA fragments isolated from 96 maternal whole blood samples.	1	13,018
15068652	TG-190-1002	TG VeriSeq NIPT SMP Prep KT (96 SMP)	The TG VeriSeq NIPT Sample Prep Kit – 96 Spl is used with the VeriSeq NIPT Solution – RUO. The kit includes reagents and consumables for the extraction, library preparation and quantitation of cell free DNA fragments isolated from 96 maternal whole blood samples	1	13,018
20024586	--	TruSight Oncology UMI Reagents	Contains the TruSight Oncology DNA library prep and enrichment reagents plus the TruSight UMI Toolkit. Provides sufficient reagents for the generation of 48 UMI-containing libraries with 16 unique index pairs. Utilized to generate libraries with reduced error rates, enabling the detection of low frequency variants. Contains no enrichment probes - TST170 content may be purchased separately.	1	12,331
20040537	--	ILMN RNA LP w/Enrich (L)Tag (96 Spl)	An exceptionally fast tagmentation-based RNA enrichment workflow for targeted interrogation of an expansive number of the target genes with exceptional capture efficiency and coverage uniformity. Kit contains library prep reagents to prepare and enrich 96 samples, 3-plex. Indexes and oligo panel not included. Compatible with IDT for Illumina DNA/RNA UD indexes, Tagmentation.	1	10,686
20020597	--	TruSeq Strnd Total RNA LP HMR (96 Spl)	This component contains the RiboZero beads to deplete rRNA from Human, Mouse, Rat as well as the PCR master mix to transcript RNA into cDNA for 96 samples.	1	10,312
20020599	--	TruSeq Strnd Total RNA LP Gold (96 Spl)	This component contains the RiboZero beads to deplete rRNA and mtRNA from Human, Mouse, Rat as well as the PCR master mix to transcript RNA into cDNA for 96 samples.	1	10,312
20020613	--	TruSeq Strnd Total RNA LP Globin(96 Spl)	This component contains the RiboZero beads to deplete rRNA and globin mRNA from blood samples as well as the PCR master mix to transcript RNA into cDNA for 96 samples.	1	10,312
20020611	--	TruSeq Strnd Total RNA LP Plant (96 Spl)	This component contains the RiboZero beads to deplete cytoplasmic, mitochondrial, and chloroplast ribosomal RNA from plant samples as well as the PCR master mix to transcript RNA into cDNA for 96 samples.	1	10,110
20072063	--	ILMN Stranded Total RNA Prep, Mcrbm, 96	Rapid stranded total RNA-Seq prep supports a broad range of microbiome sample types for studying metatranscriptomes. Kit contains Ribo-Zero Plus Microbiome depletion module and library prep reagents for 96 samples. Indexes sold separately, compatible only with IDT for Illumina RNA UD indexes, Ligation	1	9,004
20040529	--	ILMN Strnd Total RNA Lig w/RBZ+ (96 Spl)	Rapid stranded total RNA-Seq prep supports a broad range of sample types for studying the coding and non-coding transcriptome providing unparalleled study flexibility. Kit contains Ribo-Zero Plus depletion module and library prep reagents for 96 samples. Indexes sold separately, compatible only with IDT for Illumina RNA UD indexes, Ligation	1	8,720
15076112	RS-303-1002	TruSight RNA Pan-Cancer Panel 48smp-SetA	Includes library preparation reagents and oligos for 48 samples with 12 indexes; each index is sufficient for 4 individual samples. May be used with TruSight RNA Pan-Cancer Panel Set B to allow for pooling up to 24 samples.	1	7,661
15076113	RS-303-1003	TruSight RNA Pan-Cancer Panel 48smp-SetB	Includes library preparation reagents and oligos for 48 samples with 12 indexes; each index is sufficient for 4 individual samples. May be used with TruSight RNA Pan-Cancer Panel Set A to allow for pooling up to 24 samples.	1	7,661
15076117	RS-304-1002	TruSight® RNA Fusion Panel 48SMP - Set A	Kitted reagents for RNA library prep and enrichment of 48 total RNA samples (including FFPE) for sequencing. Each kit contains 12 unique indexes; 2, 4, 5, 6, 7, 12, 13, 14, 15, 16, 18, and 19.	1	7,124
15076118	RS-304-1003	TruSight® RNA Fusion Panel 48SMP - Set B	Kitted reagents for RNA library prep and enrichment of 48 total RNA samples (including FFPE) for sequencing. Each kit contains 12 unique indexes; 1, 3, 8, 9,10, 11, 20, 21, 22, 23, 25, and 27.	1	7,124
20014280	--	SureCell Whl Trans 3 Pr Kt (6 crtg kt)	SureCell™ WTA 3' Library Prep kit provides a validated process for single-cell RNA sequencing allowing for the quick isolation and and barcoding of ~1,200 cells per cartridge from multiple sources using the Bio-Rad ddSEQ Single-Cell Isolator. The kit also provides quick and easy library preparation using Illumina's Nextera XT chemistry. This kit provides 6 cartridges and all necessary reagents for library preparation.	1	6,969
15066801	--	VeriSeq NIPT SMP Prep Kit(48 SMP)	The VeriSeq NIPT Sample Prep Kit – 48 (Formerly RH-200-1001)is used with the VeriSeq NIPT Solution – a screening test for the detection of fetal trisomy 21, 18, 13 and sex chromosome aneuploidies. The kit includes reagents and consumables for the extraction, library preparation and quantitation of cell free DNA fragments isolated from 48 maternal whole blood samples.	1	6,509
15068653	TG-190-1001	TG VeriSeq NIPT SMP Prep KT (48 SMP)	The TG VeriSeq NIPT Sample Prep Kit – 48 Spl is used with the VeriSeq NIPT Solution – RUO. The kit includes reagents and consumables for the extraction, library preparation and quantitation of cell free DNA fragments isolated from 48 maternal whole blood samples	1	6,509

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Material #	Catalog #	Product Name	Product Description	Qty	EUR
20020596	--	TruSeq Strnd Total RNA LP HMR (48 Spl)	This component contains the RiboZero beads to deplete rRNA from Human, Mouse, Rat as well as the PCR master mix to transcript RNA into cDNA for 48 samples.	1	5,702
20020598	--	TruSeq Strnd Total RNA LP Gold (48 Spl)	This component contains the RiboZero beads to deplete rRNA and mtrRNA from Human, Mouse, Rat as well as the PCR master mix to transcript RNA into cDNA for 48 samples.	1	5,702
20020612	--	TruSeq Strnd Total RNA LP Globin(48 Spl)	This component contains the RiboZero beads to deplete rRNA and globin mRNA from blood samples as well as the PCR master mix to transcript RNA into cDNA for 48 samples.	1	5,702
20072062	--	Ribo-Zero Plus Mcrbm Dpltn Kit, 96	Kit contains Ribo-Zero Plus Microbiome depletion module for depletion of ribosomal RNA from diverse bacteria commonly found in microbiomes and targets included in the Ribo-Zero Plus kit for 96 samples. For complete kit including library prep reagents, order the Illumina Stranded Total RNA kit with Ribo-Zero Plus Microbiome	1	5,687
20020610	--	TruSeq Strnd Total RNA LP Plant (48 Spl)	This component contains the RiboZero beads to deplete cytoplasmic, mitochondrial, and chloroplast ribosomal RNA from plant samples as well as the PCR master mix to transcript RNA into cDNA for 48 samples.	1	5,588
20040543	--	ILMN RNA LP (L)Tag (96 Spl)	Kit includes pre-enrichment module from the Illumina RNA Prep with Enrichment kits. Supports customers processing at a different plexity from what is recommended. Enrichment reagents not included. For complete prep with enrichment order the Illumina RNA Prep with Enrichment kit.	1	5,526
20040541	--	ILMN RNA Fast Hyb (96 Spl)	Kit includes fast hybridization enrichment reagents from the Illumina RNA Prep with Enrichment kits. Supports customers processing at a different plexity from what is recommended. Pre-enrichment reagents not included. For complete prep with enrichment order the Illumina RNA Prep with Enrichment kit.	1	5,497
20037135	--	Illumina® Ribo-Zero™+ rRNA Depletion Kit	Kit contains Ribo-Zero Plus depletion module for depletion of ribosomal RNA from Human, Mouse, Rat and Bacteria and Globin transcripts from 96 samples. Library prep reagents not included. For complete kit including library prep reagents, order the Illumina Stranded Total RNA kit.	1	5,232
20028469	--	Nextera DNA Flex LPK Enrich (96 Spl)-CDx	Nextera DNA Flex for Enrichment configuration for CareDx only includes sufficient reagents for library preparation of 96 samples and 16 enrichments. DOES NOT INCLUDE BLT and sufficient RSB to complete full workflow.	1	5,111
20025895	--	VeriSeq NIPT SMP Prep Kit (24 SMP)	The VeriSeq NIPT Sample Prep Kit – 24 is used with the VeriSeq NIPT Solution – a screening test for the detection of fetal aneuploidies across the genome and genomewide CNV. The kit includes reagents and consumables for the extraction, library preparation and quantitation of cell free DNA fragments isolated from 24 maternal whole blood samples.	1	4,857
20031755	--	TG VeriSeq NIPT SMP Prep Kit (24 SMP)	The TG VeriSeq NIPT Sample Prep Kit – 24 Samples is used with the VeriSeq NIPT Solution – RUO. The kit includes reagents and consumables for the extraction, library preparation and quantitation of cell free DNA fragments isolated from 24 maternal whole blood samples.	1	4,857
20020595	--	TruSeq Stranded mRNA LP (96 Spl)	This component contains the RNA purification beads to capture mRNA, the PCR master mix to transcript mRNA into cDNA for 96 samples	1	4,571
20060059	--	ILMN DNA LP (M)Tag (96 Spl, IPB)	This component contains necessary reagents to support the preparation of 96 libraries for DNA WGS. SPRI beads included. Index adaptors must be purchased separately.	1	4,191
20040534	--	ILMN Strnd mRNA Prep Lig (96 Spl)	A simple, scalable, cost-effective, rapid single-day solution for analyzing the coding transcriptome leveraging as little as 25 ng of total RNA input. Kit contains library prep reagents for 96 samples. Indexes sold separately, compatible only with IDT for Illumina RNA UD indexes, Ligation	1	4,170
20018705	--	ILMN DNA LP (M)Tag (96 Spl)	This component contains necessary reagents to support the preparation of 96 libraries for DNA WGS. SPRI beads included. Index adaptors must be purchased separately.	1	4,100
15028069	RS-122-2001	Kit, TruSeq RNA SMP Prep Kit-v2, 48,SetA	Kitted reagents for library preparation of 48 total RNA samples for single read, paired end, or multiplexing sequencing. Each kit contains 12 of 24 unique indexes each index sufficient for 8 individual samples (Indexes 2, 4, 5, 6, 7, 12, 13, 14, 15, 16, 18, 19)	1	4,023
15028070	RS-122-2002	Kit, TruSeq RNA SMPle Prep Kit-v2	Kitted reagents for library preparation of 48 total RNA samples for single read, paired end, or multiplexing sequencing. Each kit contains 12 of 24 unique indexes each index sufficient for 8 individual samples (Indexes 1, 3, 8, 9, 10, 11, 20, 21, 22, 23, 25, 27).	1	4,023
15044643	TG-131-1096	TG NXTR® XT DNA SMP PREP KT (96 SMP)	Each Nextera® XT DNA Sample Preparation kit provides reagents sufficient for preparing up to 96 samples.	1	3,919
20049393	--	COVIDSeq Assay (96 samples) index 1	COVIDSeq Assay (96 samples) index 1	1	3,791
20051772	--	COVIDSeq Assay (96 samples) index 2	COVIDSeq Assay (96 samples) index 2	1	3,791
20041795	--	ILMN DNA PCR-Free LPK (96 SPL)	This component contains necessary reagents to support the	1	3,602

Material #	Catalog #	Product Name	Product Description	Qty	EUR
			preparation of 96 libraries for DNA PCR-Free WGS. SPRI beads included. Index adaptors must be purchased separately.		
15032786	FC-131-1096	NXTR® XT DNA SMP Prep Kit (96 SMP)	Each Nextera XT DNA Library Preparation kit provides reagents sufficient for preparing small genomes, PCR amplicons, and plasmids sequencing-ready libraries for up to 96 samples, with a low DNA input requirement.	1	3,391
15063473	FC-133-1001	NXTR® XT LIB Prep KT PulseNet (96 SMP)	This kit is specific for use only with the CDC Pulse Net Network of labs. It consists of the standard Nextera XT kit minus the Bead Based Normalization reagents. Additionally, this kit includes EBT reagent.	1	3,110
20060058	--	Illumina Purification Bead, 400mL	Illumina Purification Bead, 400mL	1	2,962
20020490	--	TruSeq RNA Enrch (12 enrch)	This component contains reagents required for enrichment of RNA libraries. Sufficient reagents are provided to support up to 12 enrichment reactions. Index adapters, enrichment panel and library prep components are not included, and must be purchased separately from Illumina.	1	2,899
20015963	--	TruSeq DNA PCR-Free HT LPK (96 spl)	This component contains necessary reagents to support the preparation of 96 libraries for DNA WGS. SPRI beads included. Index adaptors must be purchased separately.	1	2,804
20015965	--	TruSeq Nano DNA HT LPK (96 spl)	This component contains necessary reagents to support the preparation of 96 libraries for DNA WGS. SPRI beads included. Index adaptors must be purchased separately.	1	2,804
20040536	--	ILMN RNA LP w/Enrich (L)Tag (16 Spl)	An exceptionally fast tagmentation-based RNA enrichment workflow for targeted interrogation of an expansive number of the target genes with exceptional capture efficiency and coverage uniformity. Kit contains library prep reagents to prepare and enrich 16 samples, 1-plex. Indexes and oligo panel not included. Compatible with IDT for Illumina DNA/RNA UD indexes, Tagmentation.	1	2,788
15019476	RS-200-0012	TruSeq® Small RNA SMP PrepKit v2set A	Kitted reagents for library preparation of 24 small RNA samples for multiplexed sequencing. Each kit contains indexes 1-12 of 48 unique indexes.	1	2,492
15019483	RS-200-0024	TruSeq® Small RNA SMP PrepKit v2 set B	Kitted reagents for library preparation of 24 small RNA samples for multiplexed sequencing. Each kit contains indexes 13-24 of 48 unique indexes.	1	2,492
15019484	RS-200-0036	TruSeq® Small RNA SMP PrepKit v2 set C	Kitted reagents for library preparation of 24 small RNA samples for multiplexed sequencing. Each kit contains indexes 25-36 of 48 unique indexes.	1	2,492
15019485	RS-200-0048	TruSeq® Small RNA SMP PrepKit v2 set D	Kitted reagents for library preparation of 24 small RNA samples for multiplexed sequencing. Each kit contains indexes 37-48 of 48 unique indexes.	1	2,492
20014279	--	SureCell Whl Trans 3 Pr Kt (2 crtg kt)	SureCell™ WTA 3' Library Prep kit provides a validated process for single-cell RNA sequencing allowing for the quick isolation and and barcoding of ~1,200 cells per cartridge from multiple sources using the Bio-Rad ddSEQ Single-Cell Isolator. The kit also provides quick and easy library preparation using Illumina's Nextera XT chemistry. This kit provides 2 cartridges and all necessary reagents for library preparation.	1	2,420
20020189	--	TruSeq RNA LP for Enrch (48 Spl)	This component contains reagents required to prepare pre-capture RNA libraries for use in enrichment workflows. Sufficient reagents are provided to prepare 48 libraries. Index adapters, enrichment panel and enrichment reagents are not included, and must be purchased separately from Illumina.	1	2,400
20020594	--	TruSeq Stranded mRNA LP (48 Spl)	This component contains the RNA purification beads to capture mRNA, the PCR master mix to transcript mRNA into cDNA for 48 samples	1	2,286
20040540	--	ILMN RNA Fast Hyb (16 Spl)	Kit includes fast hybridization enrichment reagents from the Illumina RNA Prep with Enrichment kits. Supports customers processing at a different plexity from what is recommended. Pre-enrichment reagents not included. For complete prep with enrichment order the Illumina RNA Prep with Enrichment kit.	1	1,769
20020183	--	Exome Panel (45Mb)	Illumina Exome Panel covers 45 Mb of exonic content (≥98% of RefSeq, CCDS, and Ensembl coding content). Panel is sufficient for 8 enrichment reactions when paired with Illumina DNA Prep with Enrichment, 12 enrichment reactions when paired with TruSeq RNA Exome, and 32 enrichment reactions when paired with Illumina RNA Prep with Enrichment. Library prep, enrichment, and index adapter reagents need to be ordered separately.	1	1,699
20046104	--	TRUSIGHT RNA PAN-CANCER OLIGO PANEL	Enrichment oligos only. Library prep and index adapter reagents need to be ordered separately	1	1,652
20040525	--	ILMN Strnd Total RNA Lig w/RBZ+ (16 Spl)	Rapid stranded total RNA-Seq prep supports a broad range of sample types for studying the coding and non-coding transcriptome providing unparalleled study flexibility. Kit contains Ribo-Zero Plus depletion module and library prep reagents for 16 samples. Indexes sold separately, compatible only with IDT for Illumina RNA UD indexes, Ligation	1	1,627
20043137	--	IDT-ILMN PCR Index Set 1-4 (384 IDX)	Set of 384 UDIs for use with Illumina® COVIDSeq™ Test	1	1,524

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Material #	Catalog #	Product Name	Product Description	Qty	EUR
15056508	TG-131-2001	TG NXTR®XT INX KtV2 ST A(96 INXs,384SMP)	Version 2 of 96 indexes for Nextera XT sample prep (Set A).	1	1,222
15056509	TG-131-2002	TG NXTR®XT INX KtV2 ST B(96 INXs,384SMP)	Version 2 of 96 indexes for Nextera XT sample prep (Set B).	1	1,222
20060057	--	Illumina Purification Bead, 100mL	Illumina Purification Bead, 100mL	1	1,135
20040542	--	ILMN RNA LP (L)Tag (16 Spl)	Kit includes pre-enrichment module from the Illumina RNA Prep with Enrichment kits. Supports customers processing at a different plexity from what is recommended. Enrichment reagents not included. For complete prep with enrichment order the Illumina RNA Prep with Enrichment kit.	1	1,074
15033977	RT-402-1001	TruSeq® Trgtd RNA IDX KtA, 96 IDX 384 SMP	This kit includes 96 unique indexes for preparation of up to 384 samples. Each 96 index kit contains 20 index tubes, 8 A50X indexes and 12 R7XX indexes, for 96 total index combinations. Each tube contains 4 reactions for a total of 384 reactions. These kits can be combined for a total of 384 indexes and 1536 reactions.	1	1,056
15037299	RT-402-1002	TruSeq® Trgtd RNA IDX KtB, 96 IDX 384 SMP	This kit includes 96 unique indexes for preparation of up to 384 samples. Each 96 index kit contains 20 index tubes, 8 A50X indexes and 12 R7XX indexes, for 96 total index combinations. Each tube contains 4 reactions for a total of 384 reactions. These kits can be combined for a total of 384 indexes and 1536 reactions.	1	1,056
15037300	RT-402-1003	TruSeq® Trgtd RNA IDX KtC, 96 IDX 384 SMP	This kit includes 96 unique indexes for preparation of up to 384 samples. Each 96 index kit contains 20 index tubes, 8 A50X indexes and 12 R7XX indexes, for 96 total index combinations. Each tube contains 4 reactions for a total of 384 reactions. These kits can be combined for a total of 384 indexes and 1536 reactions.	1	1,056
15037301	RT-402-1004	TruSeq® Trgtd RNA IDX KtD, 96 IDX 384 SMP	This kit includes 96 unique indexes for preparation of up to 384 samples. Each 96 index kit contains 20 index tubes, 8 A50X indexes and 12 R7XX indexes, for 96 total index combinations. Each tube contains 4 reactions for a total of 384 reactions. These kits can be combined for a total of 384 indexes and 1536 reactions.	1	1,056
15051885	FC-131-2001	NXTR® XT IDX Kt v2 Set A 96 IDXS,384 SMP	Set A of version 2 Nextera XT Index kit includes 96 optimized and unique indexes for sequencing library preparation of up to 384 samples.	1	1,056
15051886	FC-131-2002	NXTR® XT IDX Kt v2 Set B 96 IDXS,384 SMP	Set B of version 2 Nextera XT Index kit includes 96 optimized and unique indexes for sequencing library preparation of up to 384 samples.	1	1,056
15051887	FC-131-2003	NXTR® XT IDX Kt v2 Set C 96 IDXS,384 SMP	Set C of version 2 Nextera XT Index kit includes 96 optimized and unique indexes for sequencing library preparation of up to 384 samples.	1	1,056
15051888	FC-131-2004	NXTR® XT IDX Kt v2 Set D 96 IDXS,384 SMP	Set D of version 2 Nextera XT Index kit includes 96 optimized and unique indexes for sequencing library preparation of up to 384 samples.	1	1,056
20060060	--	ILMN DNA LP (M)Tag (24 Spl, IPB)	This component contains necessary reagents to support the preparation of 24 libraries for DNA WGS. SPRI beads included. Index adaptors must be purchased separately.	1	1,048
20018704	--	ILMN DNA LP (M)Tag (24 Spl)	This component contains necessary reagents to support the preparation of 24 libraries for DNA WGS. SPRI beads included. Index adaptors must be purchased separately.	1	1,025
15044642	TG-131-1024	TG NXTR® XT DNA SMP PREP KT (24 SMP)	Each Nextera® XT DNA Sample Preparation kit provides reagents sufficient for preparing up to 24 samples. TG Supply Agreement required.	1	998
20040526	--	ILMN Ribo-Zero Plus (16 Spl)	Kit contains Ribo-Zero Plus depletion module for depletion of ribosomal RNA from Human, Mouse, Rat and Bacteria and Globin transcripts from 16 samples. Library prep reagents not included. For complete kit including library prep reagents, order the Illumina Stranded Total RNA kit.	1	976
20051775	--	COVIDSeq Positive Control	COVIDSeq Positive Control	1	913
20041794	--	ILMN DNA PCR-Free LPK (24 SPL)	This component contains necessary reagents to support the preparation of 24 libraries for DNA PCR-Free WGS. SPRI beads included. Index adaptors must be purchased separately.	1	900
15032785	FC-131-1024	NXTR® XT DNA SMP Prep Kit (24 SMP)	Each Nextera XT DNA Library Preparation kit provides reagents sufficient for preparing small genomes, PCR amplicons, and plasmids sequencing-ready libraries for up to 24 samples, with a low DNA input requirement.	1	893
15073344	--	Streck cell free DNA BCT	Cell-free DNA blood collection tube: a 10 mL blood collection tube which contains a formaldehyde-free preservative that stabilizes white blood cells, preventing the release of genomic DNA and allowing for isolation of high-quality cell-free DNA. Samples collected in this tube should be stored and shipped at room temperature and must be received by laboratory within 5 days. Quantity = pack of 100 tubes	1	860
15073345	--	Streck cell free DNA BCT (CE)	CE marked cell-free DNA blood collection tube: a 10 mL blood	1	860

Material #	Catalog #	Product Name	Product Description	Qty	EUR
			collection tube which contains a formaldehyde-free preservative that stabilizes white blood cells, preventing the release of genomic DNA and allowing for isolation of high-quality cell-free DNA. Samples collected in this tube should be stored and shipped at room temperature and must be received by laboratory within 5 days. Quantity = pack of 100 tubes		
20048878	--	Streck BCT Tube- FDA Approved	Streck BCT Tube-FDA Approved (100/pack)	1	859
15048371	TG-202-1001	TG TruSeq® Nano DNA LT SMPPrpKt, A 24SMP	The Kitted reagents for DNA Sample Preparation of 24 total samples for Single-Read, Paired-End, and Multiplex sequencing. This kit contains 12 unique single indexes.(Indexes 2,4,5,6,7,12,13,14,15,16,18,19)	1	855
15048376	TG-202-1002	TG TruSeq® Nano DNA LT SMPPrpKt, B 24SMP	The Kitted reagents for DNA Sample Preparation of 24 total samples for Single-Read, Paired-End, and Multiplex sequencing. This kit contains 12 unique single indexes.(Indexes 1,3,8,9,10,11,20,21,22,23,25,27)	1	855
20040532	--	ILMN Strnd mRNA Prep Lig (16 Spl)	A simple, scalable, cost-effective, rapid single-day solution for analyzing the coding transcriptome leveraging as little as 25 ng of total RNA input. Kit contains library prep reagents for 16 samples. Indexes sold separately, compatible only with IDT for Illumina RNA UD indexes, Ligation	1	790
15034035	RT-401-1001	TruSeq® Trgtd RNA IDX Kt, 48 IDX 192 SMP	This kit contains sufficient indexes to uniquely label up to 48 samples. Each index kit contains 2 boxes: an indexes box and a replacement cap box. The 48 index kit contains 14 index tubes, 8 A50X indexes and 6 R7XX indexes, for 48 total index combinations. Each tube contains 4 reactions for a total of 192 reactions.	1	726
20015962	--	TruSeq DNA PCR-Free LT LPK (24 spl)	This component contains necessary reagents to support the preparation of 24 libraries for DNA WGS. SPRI beads included. Index adaptors must be purchased separately.	1	696
20015964	--	TruSeq Nano DNA LT LPK (24 spl)	This component contains necessary reagents to support the preparation of 24 libraries for DNA WGS. SPRI beads included. Index adaptors must be purchased separately.	1	696
20040870	--	TruSeq DNA UD Index v2	Version 2 of TruSeq Unique Dual Indexes (UDIs), compatible with TruSeq Nano and TruSeq PCR-Free Library Prep Kits. The UDI kit is provided in a plate format, contains 96 UDIs, sufficient for 96 samples. Version 2 contains improvements for 8 of the 192 index oligos in plate 20022370, with no changes to the remaining 184.	1	692
20040871	--	TruSeq RNA UD Index v2	Version 2 of TruSeq Unique Dual Indexes (UDIs), compatible with TruSeq Stranded mRNA and TruSeq Stranded Total RNA Library Prep Kits. The UDI kit is provided in a plate format, contains 96 UDIs, sufficient for 96 samples. Version 2 contains improvements for 8 of the 192 index oligos in plate 20022371, with no changes to the remaining 184.	1	692
20020590	--	IDT-TruSeq DNA UD Idx (24 Idx, 96 Spl)	New Unique Dual Indexes (UDIs), compatible with TruSeq Nano and TruSeq PCR-Free Library Prep Kits. The UDI kit is provided in a plate format, contains 24 UDIs (x4), sufficient for 96 samples.	1	676
20020591	--	IDT-TruSeq RNA UD Idx (24 Idx, 96 Spl)	New Unique Dual Indexes (UDIs), compatible with TruSeq Stranded mRNA and TruSeq Stranded Total RNA Library Prep Kits. The UDI kit is provided in a plate format, contains 24 UDIs (x4), sufficient for 96 samples.	1	676
20022370	--	IDT for Illumina TruSeq DNA UD Indices	New Unique Dual Indexes (UDIs), compatible with TruSeq Nano and TruSeq PCR-Free Library Prep Kits. The UDI kit is provided in a plate format, contains 96 UDIs, sufficient for 96 samples.	1	676
20022371	--	IDT for Illumina TruSeq RNA UD Indices	New Unique Dual Indexes (UDIs), compatible with TruSeq Stranded mRNA and TruSeq Stranded Total RNA Library Prep Kits. The UDI kit is provided in a plate format, contains 96 UDIs, sufficient for 96 samples.	1	676
20040553	--	IDT ILMN RNA UDI A Lig 96 Idx 96 Spl	Set A Kit includes 96, 10bp Unique Dual Indexes (UDIs) and RNA Index Anchor plate for use with Illumina Stranded Total RNA Prep and Illumina Stranded mRNA Prep Kits.	1	663
20040554	--	IDT ILMN RNA UDI B Lig 96 Idx 96 Spl	Set B Kit includes 96, 10bp Unique Dual Indexes (UDIs) and RNA Index Anchor plate for use with Illumina Stranded Total RNA Prep and Illumina Stranded mRNA Prep Kits.	1	663
20040555	--	IDT ILMN RNA UDI C Lig 96 Idx 96 Spl	Set C Kit contains 96, 10 bp unique indexes (UDIs) and RNA Index Anchor plate for use with Illumina Stranded Total RNA Prep and Illumina Stranded mRNA Prep Kits.	1	663
20040556	--	IDT ILMN RNA UDI D Lig 96 Idx 96 Spl	Set D Kit contains 96, 10 bp unique indexes (UDIs) and RNA Index Anchor plate for use with Illumina Stranded Total RNA Prep and Illumina Stranded mRNA Prep Kits.	1	663
20046101	--	TRUSIGHT RNA FUSION OLIGO PANEL	Enrichment oligos only. Library prep and index adapter reagents need to be ordered separately	1	581
20019792	--	TruSeq RNA CD Idx (96 Idx, 96 Spl)	TruSeq Stranded RNA HT Kit 96 Samples Adapter Plate Box	1	548
20015949	--	TruSeq DNA Idx Kit PI (96 idx,96 spl)	Kit contains 96 dual index adapters to support 96 samples. 96 dual indexes are pre-plated in a 96 well plate. Compatible with TruSeq Nano and PCR-Free library prep kits.	1	538

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Material #	Catalog #	Product Name	Product Description	Qty	EUR
20018708	--	Nextera DNA CD Idx (96 Idx, 96 SPI)	The kit provides 20 indexes (eight of i500s and twelve of i700 indexes) that together provide 96 dual indexing capability. Indexes are provided in a 96 well format. Indexes are compatible across all ILMN sequencers.	1	488
20041797	--	ILMN DNA PCR-Free Seq & Indexing Primer	Illumina DNA PCR-Free Sequencing and Indexing Primer	1	406
15030362	RS-200-1001	TruSeq™ RNA EPH Reagent Tube	EPH reagent for Sample Preparation of 48 total RNA samples for use in select TruSeq RNA Sample Prep applications	1	311
20018706	--	Flex Lysis reagent Kit	Flex Lysis Reagent Kit is an accessory product required to process blood samples with Nextera DNA Flex and Nextera Flex for Enrichment. Library prep, enrichment, enrichment probe panel, and index adapter reagents need to be ordered separately.	1	300
20042221	--	Illumina Lysis Kit	Lysis Reagent Kit is an accessory product required to process blood samples with the Illumina DNA PCR-Free. Library prep and index adapter reagents need to be ordered separately.	1	293
15053646	TG-280-1001	TG TruSeq® Nano DNA AccessoryKit	Accessory kit for use with the TruSeq Nano DNA LT Kits A and B and cDNA workflow. One Accessory kit provides enough additional EPM reagent for 4 additional 16 sample batches through the cDNA workflow.	1	285
20041796	--	ILMN DNA PCR-Free R1 Seq Primer	This component contains read 1 sequencing primer necessary to support Illumina DNA PCR-Free WGS	1	270
15032787	FC-131-1001	NXTR® XT IDX Kit (24 IDXS, 96 SMP)	Each Nextera XT Index Kit includes 24 unique indexes for sequencing library preparation of up to 96 samples.	1	266
15035057	FC-800-1001	TruSeq® Nano DNA Accessory Kit	Accessory kit for use with the TruSeq Nano DNA LT Kits A and B and cDNA workflow. One Accessory kit provides enough additional EPM reagent for 4 additional 16 sample batches through the cDNA workflow	1	253
20020492	--	TruSeq RNA Sgl Idx SetA (12 Idx,48 Spl)	Each kit contains 12 of 24 unique indexes, sufficient for 48 individual RNA library samples (Indexes 2, 4, 5, 6, 7, 12, 13, 14, 15, 16, 18, 19).	1	247
20020493	--	TruSeq RNA Sgl Idx SetB (12 Idx,48 Spl)	Each kit contains 12 of 24 unique indexes, sufficient for 48 individual RNA library samples (Indexes 1, 3, 8, 9, 10, 11, 20, 21, 22, 23, 25, 27).	1	247
20065135	--	ILMN COVIDSeq v4 Primer Pools, 384 Spl	Optional ARTIC v4 primer pool to be used with COVIDSeq Test (RUO) and COVIDSeq Assay. Replaces v3 primers that are included in the kits.	1	247
20031178	--	VeriSeq™ NIPT Microlab STAR Accessories	VeriSeq™ NIPT Microlab STAR Accessories	1	236
15059085	FC-121-9999	TruSeq® FFPE DNA Library PrepQC Kit	After DNA extraction, the FFPE QC Kit evaluates the quality of prospective DNA samples to determine if they are viable for library preparation. The kit uses a real-time PCR assay to determine DNA quality and provide guidance on sequencing parameters, allowing researchers to assess sample quality before designing and running sequencing experiments.	1	152
20015960	--	TruSeq DNA Idx Kit Set A (12 idx,24 spl)	Each kit contains 12 of 24 unique indexes, sufficient for 48 individual DNA library samples (Indexes 2, 4, 5, 6, 7, 12, 13, 14, 15, 16, 18, 19).	1	122
20015961	--	TruSeq DNA Idx Kit Set B (12 idx,24 spl)	Each kit contains 12 of 24 unique indexes, sufficient for 48 individual DNA library samples (Indexes 1, 3, 8, 9, 10, 11, 20, 21, 22, 23, 25, 27).	1	122
20018707	--	Nextera DNA CD Idx (24 Idx, 24 SPI)	The kit provides 10 indexes (four of i500s and six of i700 indexes) that together provide 24 dual indexing capability. Indexes are provided in a tube format. Indexes are compatible across all ILMN sequencers.	1	122
15068868	RT-101-1001	TruSeq® Targeted RNA Custom Pnl Kit 48S	Kit contains a custom panel box and a core reagents box. Each custom panel box provides a custom oligo pool (1 tube).	1	Custom
15068869	RT-102-1001	TruSeq® Targeted RNA Custom Pnl Kit 96S	Kit contains a custom panel box and a core reagents box. Each custom panel box provides a custom oligo pool (2 tubes).	1	Custom
20033600	--	Nextera Flex Enrichment OEM Large Fills	Nextera Flex Enrichment OEM Large Fills. For CareDx only.	1	Custom

Consumables Library Prep Kitted Solutions

Material #	Catalog #	Product Name	Product Description	Qty	EUR
20051773	--	COVIDSeq Assay (96 samples) index 3	Amplicon-based RUO assay for SARS-CoV-2 using ARTIC v3 primers. Includes IDT for ILMN Index Plate 3	1	3,791
20051774	--	COVIDSeq Assay (96 samples) index 4	Amplicon-based RUO assay for SARS-CoV-2 using ARTIC v3 primers. Includes IDT for ILMN Index Plate 4	1	3,791

Consumables Library Prep Consumable Components

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Material #	Catalog #	Product Name	Product Description	Qty	EUR
20065136	--	IDT-ILMN PCR Index Set 1 (96 IDX)	Sellable SKU for IDT for ILMN desalted PCR Index Plate 1. 96 indexes	1	379
20065137	--	IDT-ILMN PCR Index Set 2 (96 IDX)	Sellable SKU for IDT for ILMN desalted PCR Index Plate 2. 96 indexes	1	379
20065138	--	IDT-ILMN PCR Index Set 3 (96 IDX)	Sellable SKU for IDT for ILMN desalted PCR Index Plate 3. 96 indexes	1	379
20065139	--	IDT-ILMN PCR Index Set 4 (96 IDX)	Sellable SKU for IDT for ILMN desalted PCR Index Plate 4. 96 indexes	1	379

Consumables MiSeq Standard Consumables

Material #	Catalog #	Product Name	Product Description	Qty	EUR
15039437	TG-142-1023	TG MiSeq® RGT Kit v2 (500cyc)-20 PK	For TCG customers only - 20 pack of MiSeq v2 Reagent kits, 500 cycles per kit.	1	28,523
15039435	TG-142-1022	TG MiSeq® RGT Kit v2 (300cyc)-20 PK	For TCG customers only - 20 pack of MiSeq v2 Reagent kits, 300 cycles per kit.	1	25,816
15033417	MS-102-2023	MSQ® RGT KT v2 (500 CYC)-20 PK	20 pack of MiSeq v2 Reagent kits, 500 cycles per kit.	1	24,859
15033418	MS-102-2022	MiSeq® RGT Kit v2 (300 cycle)-20 PK	20 pack of MiSeq v2 Reagent kits, 300 cycles per kit.	1	22,451
15033419	MS-102-2021	MiSeq® RGT Kit v2 (50 cycle) - 20 PK	20 pack of MiSeq v2 Reagent kits, 50 cycles per kit.	1	17,411
15049955	TG-142-3003	TG MiSeq® Reagent Kit v3 (600cycle)	Provides kitted reagents for up to 625 cycles of sequencing on the MiSeq System. Includes: Paired-End Reagent plate (600-cycles), MiSeq Flow Cell, and Wash Buffer.	1	1,989
15043762	MS-102-3003	MiSeq® Reagent Kit v3 (600 cycle)	Provides kitted reagents for up to 625 cycles of sequencing on the MiSeq System. Includes: Paired-End Reagent plate (600-cycles), MiSeq Flow Cell, and Wash Buffer.	1	1,725
15039436	TG-142-1013	TG MiSeq® Reagent Kit v2 (500cycles)	For TCG customers only - MiSeq v2 Reagent kit, 500 cycles per kit.	1	1,523
15035685	TG-142-1003	TG MiSeq® Reagent Kit v2 (300Cycles)	Provides kitted reagents for up to 325 cycles of sequencing on the MiSeq System using the MiSeq Standard Flow Cell (up to 15M clusters PF). Includes: Paired End Reagent plate (300-cycles), MiSeq Micro Flow Cell, and Wash Buffer.	1	1,356
15033411	MS-102-2003	MiSeq® Reagent Kit v2 (500 cycle)	MiSeq v2 Reagent kit, 500 cycles per kit.	1	1,326
15033412	MS-102-2002	MiSeq® Reagent Kit v2 (300 cycle)	MiSeq v2 Reagent kit, 300 cycles per kit.	1	1,179
15049954	TG-142-3001	TG MiSeq® Reagent Kit v3 (150cycle)	Provides kitted reagents for up to 175 cycles of sequencing on the MiSeq System. Includes: Paired-End Reagent plate (150-cycles), MiSeq Flow Cell, and Wash Buffer.	1	1,174
15043761	MS-102-3001	MiSeq® Reagent Kit v3 (150 cycle)	Provides kitted reagents for up to 175 cycles of sequencing on the MiSeq System. Includes: Paired-End Reagent plate (150-cycles), MiSeq Flow Cell, and Wash Buffer.	1	1,023
15033413	MS-102-2001	MiSeq® Reagent Kit v2 (50 cycle)	MiSeq v2 Reagent kit, 50 cycles per kit.	1	920
15035688	TG-142-1002	TG MiSeq® RGT Micro Kit v2(300 cyc)	Provides kitted reagents for up to 325 cycles of sequencing on the MiSeq System using the MiSeq Micro Flow Cell (up to 4M clusters PF). Includes: Paired End Reagent plate (300-cycles), MiSeq Micro Flow Cell, and Wash Buffer.	1	567
15036523	MS-103-1002	MiSeq® Reagent Micro Kit v2 (300 Cycles)	Provides kitted reagents for up to 325 cycles of sequencing on the MiSeq System using the MiSeq Micro Flow Cell (up to 4M clusters PF). Includes: Paired End Reagent plate (300-cycles), MiSeq Micro Flow Cell, and Wash Buffer.	1	495
15036524	MS-103-1003	MiSeq® Reagent Nano Kit v2 (500 Cycles)	Provides kitted reagents for up to 525 cycles of sequencing on the MiSeq System using the MiSeq Nano Flow Cell (up to 1M clusters PF). Includes: Paired End Reagent plate (500-cycles), MiSeq Nano Flow Cell, and Wash Buffer.	1	394
15035687	TG-142-1001	TG MiSeq® RGT Nano Kit v2(300 cyc)	Provides kitted reagents for up to 325 cycles of sequencing on the MiSeq System using the MiSeq Nano Flow Cell (up to 1M clusters PF). Includes: Paired End Reagent plate (300-cycles), MiSeq Nano Flow Cell, and Wash Buffer.	1	379
15036522	MS-103-1001	MiSeq® Reagent Nano Kit v2 (300 Cycles)	Provides kitted reagents for up to 325 cycles of sequencing on the MiSeq System using the MiSeq Nano Flow Cell (up to 1M clusters PF). Includes: Paired End Reagent plate (300-cycles), MiSeq Nano Flow Cell, and Wash Buffer.	1	329

Consumables SQ Misc Standard Consumables

Material #	Catalog #	Product Name	Product Description	Qty	EUR
20005160	--	cBot 2 Barcoded Strip Tubes (8 well)	These tubes enable sequencing sample tracking on the cBot 2 automated cluster generation system.	1	516
15063685	GD-305-2001	HSQ X cBot Multi-PRMR ReHYBRID KT v2	To conduct HiSeq X supported multi-primer rehybridization on cBot.	1	349
15058439	GD-404-1001	HiSeq® Rapid Rehybridization Kit	HiSeq Rapid Rehybridization Kit	1	329

Consumables SQ Misc Consumables Accessory

Material #	Catalog #	Product Name	Product Description	Qty	EUR
15075772	SY-312-2002	cBot™ 2 Accessory Kit	Accessory manifolds and keyed 8 strip tubes required to enable positive sample tracking on cBot 2. Kit contains 100 manifolds and 100 – 8 strip tubes.	1	5,150
15017644	GD-304-2001	TruSeq v2 cBot Multi-PRMR Re-Hybrdzttn Kt	Optional part to conduct TruSeq supported multi-primer rehybridization on cBot	1	359
15051807	GD-403-4001	HSQ® Multi-PRMR Rehybridization Kit v4	Primer Rehybridization kit for HiSeq v4 kits. Uses onboard cluster generation protocol for HiSeq 2000/2500 with HCS v 2.2 (and higher).	1	359
15067574	GD-310-1001	HSQ® 3k/4k cBot Multi-PRMR ReHYBRID Kit	To conduct HiSeq 3000 and HiSeq 4000 supported multi-primer rehybridization on cBot.	1	349
15033875	TG-110-3001	TG PhiX CONTROL V3 KIT	PhiX Control Kit v3	1	207
15017872	FC-110-3001	PhiX CONTROL V3 KIT	Kitted DNA control for the Illumina sequencing platform. Compatible with Single and Paired End reads up to 150 base pairs. (10ul of 10nM template solution)	1	182
15051973	FC-110-3002	NextSeq™ PhiX Control Kit	DNA control for the NextSeq Illumina sequencing platform. Compatible with single and paired-end reads up to 150 bp. 10 µl of a 10 nM PhiX solution.	1	156
15029393	FC-121-1003	TruSEQ Dual IDX SEQ PRMR Kt, Single Read	Sequencing primer mix for Illumina Nextera libraries and to support dual index sequencing. Contains: Read 1 Primer Mix and Index read primers. Sufficient reagents for processing a single flow cell. For use with HiSeq 1000/2000, HiScanSQ, and Genome Analyzer.	1	111
15029396	PE-121-1003	TruSEQ Dual IDX SEQ PRMR Kit, Paired End	Sequencing primer mix for Illumina Nextera libraries and to support dual index sequencing. Contains: Read 1 Primer Mix, Read 2 Primer, Index read primers, sequencing primers. Sufficient reagents for processing a single flow cell. For use with HiSeq 1000/2000, HiScanSQ, and Genome Analyzer.	1	111
15016825	SY-401-2015	KIT,CBOT MANIFOLD,HISEQ	Optional Manifold for HiSeq Flow Cells for use with cBot Cluster Generation System	1	101
15059973	MS-102-9999	MiSeq® Disposable Wash Tubes	(20) disposable wash tubes for MiSeq	1	3