



## Università degli Studi Di Trento

[www.unitn.it](http://www.unitn.it) – PEC: [ateneo@pec.unitn.it](mailto:ateneo@pec.unitn.it)

**AVVISO DI CONSULTAZIONE PRELIMINARE DI MERCATO****Premessa**

L'Università degli Studi di Trento ha presso il Dipartimento CIBIO un Sistema di Sequenziamento Massivo e Parallelo (SMP) di acidi nucleici costituito dagli strumenti HiSeq2500 e MiSeq prodotti da Illumina e collocati nella Next Generation Sequencing Core Facility (NGS-CF) nel contesto del "Laboratory of Biomarker Study and Structure Analysis for Health" (LaBSSAH).

Per il sequenziamento NGS degli acidi nucleici (DNA o RNA) sui sistemi di SMP Illumina sono necessari reagenti chimici, dispositivi plastici e chip monouso (consumabili) secondo le specifiche tecniche e le istruzioni operative indicate dal costruttore Illumina.

**Oggetto**

Avviso di consultazione preliminare di mercato preventivo alla procedura negoziata senza previa pubblicazione di bando di gara ai sensi dell'art. 63 comma 2 lett. b) punto 2 del D.Lgs 50/2016.

**Motivazione**

Verificare se diversamente dalle informazioni in possesso dell'Università degli Studi di Trento il materiale consumabile di cui all' Allegato 1 può essere fornito da altri operatori economici, oltre ad Illumina Italy S.r.l. , Via Senigallia, 18/2 Milano - P.Iva 06814140965.

Si richiede ad eventuali operatori economici che dispongano del materiale consumabile di cui all'Allegato 1 o equivalente di presentare adeguata documentazione tecnico scientifica entro e non oltre le ore 12:00 del giorno 13 marzo 2019 al seguente indirizzo PEC ([ateneo@pec.unitn.it](mailto:ateneo@pec.unitn.it)) riportando:

- nell'oggetto della PEC la dicitura: Consultazione preliminare di mercato per materiale consumabile.

- i dati completi del mittente: denominazione – indirizzo PEC e persona di riferimento.

Eventuali richiesta di chiarimento possono essere inviate via PEC ([ateneo@pec.unitn.it](mailto:ateneo@pec.unitn.it)) al Responsabile del procedimento prof. Alessandro Quattrone.

Data del presente avviso: Trento, 22.02.2019

Il responsabile del procedimento

prof. Alessandro Quattrone



## Allegato 1

**1. Reagenti per il sequenziamento con HiSeq2500 (UNITN), modalità "High Output"**

Numero di catalogo	Nome e descrizione
FC-121-1003	TruSeq Dual Index Sequencing Primer Box, 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.
FC-401-3001	TruSeq SBS Kit v3-HS (200 cycles) Provides kitted reagents for up to 209 cycles of sequencing on the HiSeq sequencing system.
FC-401-3002	TruSeq SBS Kit v3-HS (50 cycles) Provides kitted reagents for up to 58 cycles of sequencing on the HiSeq sequencing system.
GD-304-2001	TruSeq cBot Multi-Primer Re-hybridization Kit v2 Optional part to conduct TruSeq supported multi-primer re-hybridization on cBot
GD-401-3001	TruSeq SR Cluster Kit v3-cBot-HS Provides kitted reagents for SR cluster generation using cBot on Flow Cell v3 - supports TruSeq multiplexing on HiSeq platforms.
PE-121-1003	TruSeq Dual Index Sequencing Primer Box, 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.
PE-401-3001	TruSeq PE Cluster Kit v3-cBot-HS Provides kitted reagents for PE cluster generation using cBot on Flow Cell v3 - supports TruSeq multiplexing on HiSeq platforms.
SY-401-2015	cBot Manifold for HiSeq Optional Manifold for HiSeq Flow Cells for use with cBot Cluster Generation System

**2. Reagenti per il sequenziamento con HiSeq2500 (UNITN), modalità "Rapid Run"**

CT-403-2001	HiSeq Rapid Duo cBot Sample Loading Kit. The HiSeq® Rapid Duo cBot™ v2 Sample Loading Kit allows different samples to be loaded onto each lane of a HiSeq® Rapid two lane flow cell using the cBot™ instrument. This kit includes the reagents and manifold needed for sample loading prior to on-board cluster generation.
FC-402-4022	HiSeq Rapid SBS Kit v2 (50 cycles). 50 cycle SBS kit for HiSeq 2500.
FC-402-4023	HiSeq Rapid SBS Kit v2 (500 cycles) 500 cycle SBS kit for HiSeq 2500.
GD-402-4002	HiSeq SR Rapid Cluster Kit v2 Single-read cluster generation kit for HiSeq 2500. Onboard clustering only.

PE-402-4002	HiSeq PE Rapid Cluster Kit v2. Paired-end cluster generation kit for HiSeq 2500. Onboard clustering only.
FC-402-4021	HiSeq Rapid SBS Kit v2 (200 cycles) 200 cycle SBS kit for HiSeq 2500.

### 3. Reagenti per il sequenziamento con MiSeq (UNITN)

Numero di catalogo	Nome e descrizione
FC-141-1006	TruSight One Sequencing Kit (9 samples) Kitted reagents for 3 TruSight One MiSeq runs of up to 3 samples per sequencing run. Kit provides oligos targeting the identified regions of interest, and includes library preparation reagents for 3 TruSight One rapid capture enrichments and 3 MiSeq Reagent Kits v3.
MS-102-2001	MiSeq Reagent Kit v2 (50-cycles) MiSeq v2 Reagent kit, 50 cycles per kit.
MS-102-2002	MiSeq Reagent Kit v2 (300-cycles) MiSeq v2 Reagent kit, 300 cycles per kit.
MS-102-2003	MiSeq Reagent Kit v2 (500-cycles) MiSeq v2 Reagent kit, 500 cycles per kit.
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.
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.
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.
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
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.

FC-110-3001	PhiX Control v3 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)
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#### 4. Reagenti per il sequenziamento con NextSeq (esterno ad UNITN)

Numero di catalogo	Nome e descrizione
20024904	NextSeq 500/550 Mid Output Kit v2.5 (150 Cycles)
20024905	NextSeq 500/550 Mid Output Kit v2.5 (300 Cycles)
20024906	NextSeq 500/550 High Output Kit v2.5 (75 Cycles)
20024907	NextSeq 500/550 High Output Kit v2.5 (150 Cycles)
20024908	NextSeq 500/550 High Output Kit v2.5 (300 Cycles)
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

#### 5. Reagenti per il sequenziamento con NovaSeq (esterno ad UNITN)

Numero di catalogo	Nome e descrizione
20012860	NovaSeq 6000 S2 Reagent Kit (300 cycles) This reagent kit provides the flow cell and reagent consumables to support a single flow cell 300 cycles NovaSeq run.
20012861	NovaSeq 6000 S2 Reagent Kit (200 cycles) This reagent kit provides the flow cell and reagent consumables to support a single flow cell 200 cycles NovaSeq run.

20012862	<p>NovaSeq 6000 S2 Reagent Kit (100 cycles)  This reagent kit provides the flow cell and reagent consumables to support a single flow cell 100 cycles NovaSeq run.</p>
20012863	<p>NovaSeq 6000 S1 Reagent Kit (300 cycles)  This reagent kit provides the flow cell and reagent consumables to support a single flow cell 300 cycles NovaSeq run.</p>
20012864	<p>NovaSeq 6000 S1 Reagent Kit (200 cycles)  This reagent kit provides the flow cell and reagent consumables to support a single flow cell 200 cycles NovaSeq run.</p>
20012865	<p>NovaSeq 6000 S1 Reagent Kit (100 cycles)  This reagent kit provides the flow cell and reagent consumables to support a single flow cell 100 cycles NovaSeq run.</p>
20012866	<p>NovaSeq 6000 S4 Reagent Kit (300 cycles) 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.</p>
20014015	<p>NovaSeq Library Tubes Accessory Pack (24 tubes) The NovaSeq Library Tubes Accessory Pack (24 tbs) contains 24 library tubes for use with the NovaSeq System.</p>
20021663	<p>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.</p>
20021664	<p>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-laneNovaSeq flow cell.</p>
20021665	<p>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.</p>
20027466	<p>NovaSeq 6000 S4 Reagent Kit (200 cycles). This reagent kit provides the flow cell and reagent consumables to support a single flow cell 200 cycles NovaSeq run.</p>
20027464	<p>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.</p>
20027465	<p>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.</p>

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.

