

مديرية الخدمات الطبية الملكية



نظام المشتريات والعطاءات

2025/04/21

تاريخ إنشاء العطاء:

P37-2025-PGX

اسم العطاء :

Reagent & Consumables  
for Pharmacogenomics

وصف العطاء:

الوثيقة المالية:

طريقة الشراء:

Item No	Stock No	Stock Name	Quantity	Unit
1	09_10_011_017	Water (H2O): ultra pure. DNase, RHase free. (10ml/ampoule)	500	MI
2	09_10_031_067	DNA extraction kit for blood sample (50 test/kit)	9	Kit
3	09_10_031_068	Ethanol Absolute, Reagent HPLC Grade	2.5	Ltr
4	09_10_035_002	Qubit dsDNA HS Assay kit (500 assays)	2	Kit
5	09_10_050_0062	miseq reagent kit v2 (300 cycles)	26	Kit
6	09_10_050_007	phix control v3	3	Kit
7	09_10_050_014	KAPA SYPER FAST universal Qpcr kit	3	Kit
8	09_10_050_015	library preparation kit for (pgx)	416	Test
9	09_10_051_001	Agilent DNA high sensitivity kit (10 chips and 11 sample per chip)	5	Kit
10	17_10_01_004	Reaction Tubes: Thin-Wall Tubes, Volume of 1500 - 2000uL. 1000/pack Reaction Tubes: Thin-Wall Tubes, Volume of 1500 - 2000uL.( 1000/pack)	1500	Tube
11	17_10_01_013	Aerosol filter tips to fit Gilson pipettes/prevent aerosole-borne contamination.From pure polypropylene material.(0.1-10ul) 10 tipackages of 96 racked tips	110	Rack

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Item No	Stock No	Stock Name	Quantity	Unit
12	17_10_01_014	Aerosol filter tips to fit Gilson pipettes / prevent aerosol-borne contamination. From pure polypropylene material. Each pack Consists of 10 rackes ,Each rack consists of 96 filter tips(20-200) micro liter	80	Rack
13	17_10_01_015	Aerosol filter tips to fit Gilson pipettes/prevent aerosole-borne contamination.From pure polypropylene material.(200-1000ul) 10 tipackages of 96 racked tips	46	Rack
14	17_10_01_016	Aerosol filter tips to fit Gilson pipettes / prevent aerosol-borne contamination From pure polypropylene material. Each pack consists of 10 rackes,Each rack Consists of 96 filter tips (10-100) micro liter	51	Rack
15	17_10_035_004	Qubit Assay tubes (1 pack/500 tube)	1000	Tube
16	17_10_035_013	MicroAmp optical 96-well reaction plate (1 pack/10 plate)	100	Plate
17	17_10_035_014	MicroAmp clear adhesive film (1pack/100 each)	1	Pack
18	17_10_035_015	MicroAmp optical adhesive film (1pack/100 each)	1	Pack

## شروط خاصة

1-Dispatched/Delivered good must show Description of goods , expiry date must be clearly indicated on all package and relative documents ,Batch No., Storage conditions, stamped "Sold to RMS" , origin of goods ,and any other necessary information on the inner and outer packs. Where manufacturing date is not applicable then it should be provided on relative documents.

2- goods must be dispatched/delivered under the same storage conditions that comply with their nature.

3-All packages to be stamped or labelled with the following "Sold to RMS" Tender P37-2025-PGXby Non -removable ink.

4-Products derived or containing materials of human origin should be supplied with a certificate and/or official document from the manufacturer stating that the products are devoid of blood borne infectious agents :HbsAg, HIV, HCV, ect. Items belonging to this category to be specified in the original offer.

5- For offers submitted in Jordanian dinars payment will be either by wire transfer or by cheque to be paid after reciving DOCUMENTS FROM the site ,any other way of payment will not be accepted and the offers will be rejected by the purchase committee.

6-Bidders must submit their reservation /queries regarding tender specifications and/or special term within the first half of the tender closing period starting from the tender announcement date . Reservation /queries submitted after the end of this period shall be rejected.

7-All goods should retain at least the MSL mentioned per each item. Any item not complying with this term upon receipt should be accompanied with a confirmation that you accept to replace any remaining unused quantities at your expenses after the

expiry date. Said confirmation is subject to the approval of the director of the Royal Medical Services and will incur a fine, which will be decided later by DRMS according to the loss that this discrepancy with terms of the tender has caused.

#### 8-Gene Coverage for Pharmacogenomics NGS Panel Library Preparation Kit:

The kit must target and cover the following 41 pharmacogenomically relevant genes: ABCB1, ABCC2, ABCC4, ACE, ADRB1, ADRB2, BCHE, CDA, COMT, CYP1A2, CYP2B6, CYP2C8, CYP2C9, CYP2C19, CYP3A4, CYP3A5, CYP4F2, DPYD, DRD2, G6PD, HTR2A, ITPA, MTHFR, NAT2, NR1I2, NR1I3, NUDT15, OPRM1, P2RY12, POR, RYR1, SLC22A1, SLCO1B1, TPMT, TYMS, UGT1A1, UGT1A4, UGT2B7, VKORC1, ABCG2.

#### 9-Reagents and Consumables:for Pharmacogenomics NGS Panel Library Preparation Kit:

The kit must include sufficient reagents and consumables to process 16 samples per sequencing run. All required components for library preparation must be provided, including but not limited to:

Magnetic beads

Indexes/barcodes

Buffers and enzymes

Any other necessary reagents

#### 10-Required Instruments and Accessories for Pharmacogenomics NGS Panel Library Preparation Kit:

All specialized instruments or accessories required for the library preparation process must be included .

These may include:

Magnetic stands compatible with the bead purification step except (Dynamag 96 side magnet , Dynamag -2 magnet (tube stand))

Specialized centrifuges (e.g., vacuum concentrator centrifuge),  
except ( plate centrifuge ,microcentrifuge, Qubit , bioanalyzer , thermal cycler )

#### Variant Detection Capability:

The kit must be capable of detecting the following variant types:

Single Nucleotide Variants (SNVs)

Insertions and Deletions (Indels)

Copy Number Variations (CNVs)

Star alleles

#### 11-Sequencing Platform Compatibility for Pharmacogenomics NGS Panel Library Preparation Kit:

The kit must be fully compatible with the Illumina MiSeq system.

#### 12-Sample Throughput and Performance for Pharmacogenomics NGS Panel Library Preparation Kit:

The kit should support the processing of 16 samples per sequencing run using a probe capture method for library preparation.

It must deliver high sequencing coverage with excellent quality metrics.

#### 13-Bioinformatics Software for Pharmacogenomics NGS Panel Library Preparation Kit:

The kit must include access to dedicated software for bioinformatics analysis and data interpretation.

The software should support variant calling, annotation, and pharmacogenomics reporting.

#### 14-The sequencing reagent kit must be fully compatible with the Illumina MiSeq platform and should provide sufficient reagents to sequence 16 samples per run

#### 15-All items must have FDA, TUV, or CE approval except item no(5-9) must have at least RUO

**Reagent & Consumables for Pharmacogenomics**

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16- The supplier or his local agents must furnish RMS a guarantee stamped and legalized by the notary public to 115% of the goods valid for 1 year after acceptance of each consignment.

17- Custom clearance of goods shall be the responsibility of the Jordanian Armed Forces (JAF), however, suppliers shall bear all costs incurred by handling charges and any demurrage charges or extra expenses incurred by the port's corporation or QAIA (including expenses caused by delay in presenting the necessary shipment documents for either clearing or transporting the goods to the required location mentioned in the final order, delivery note issuing charges, unloading charges, local shipping charges, etc. ). The supplier is also responsible for providing of all relevant shipping documents ,together with the delivery order(s).

18- Pricing must include services of sale ,shipment,transporation,delivery from port to site .

19-All items to be delivered to Military cancer Center.

20-Delivery for each item will be within (3) weeks from written request from Military cancer Center as per their need according to the number of available samples.

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