

# Crown Agents Ukraine - General Procurement Notice – addendum 14

## Requirements for Programme14 – Reagents & Medical Products for treatment of children with oncology and oncohaematology diseases

International non-proprietary name	Form of presentation	Estimated Demand, 100%	Estimated Quantity under the Assets Allocated
<b>Laboratory reagents to define the Methotrexate and Cyclosporine levels compatible with the Architect i1000sr Device</b>			
ARCHITECT Methotrexate Reagent Kit, 100 tests, or equivalent	kit	42	42
ARCHITECT Methotrexate Calibrators, 6 x 4 ml vials, or equivalent	—“—	13	13
ARCHITECT Multi-Assay Manual Diluent, 100 ml, or equivalent	vial	61	61
ARCHITECT Methotrexate Controls, 4 x 8 ml vials, or equivalent	kit	14	14
ARCHITECT Concentrated Wash Buffer, 4 x 975 ml vials, or equivalent	package	84	84
ARCHITECT Pre-Trigger Solution, 4 x 975 ml vials, or equivalent	—“—	57	57
ARCHITECT Trigger Solution, 4 x 975 vials, or equivalent	—“—	57	57
ARCHITECT Probe Conditioning Solution, 4 x 25 ml vials, or equivalent	—“—	12	12
ARCHITECT Septum, 200 pieces, or equivalent	—“—	17	17
ARCHITECT Replacement Cap, 100 pieces, or equivalent	—“—	17	17
ARCHITECT Sample Cup, 1,000 pieces, or equivalent	—“—	19	19
ARCHITECT Reaction Vessel, 4,000 pieces, or equivalent	—“—	19	19
ARCHITECT Cyclosporine Reagent Kit, 100 tests, or equivalent	kit	16	16
ARCHITECT Cyclosporine Calibrator, or equivalent	—“—	6	6
ARCHITECT Cyclosporine Whole Blood Precipitation Reagent Kit, or equivalent	kit	6	6
Multichem WBT, controls, or equivalent	—“—	5	5
<b>Laboratory reagents and consumables</b>			
<i>Reagents and consumables for immunophenotyping of biological samples with the use of the flow cytometry method</i>			

<b>International non-proprietary name</b>	<b>Form of presentation</b>	<b>Estimated Demand, 100%</b>	<b>Estimated Quantity under the Assets Allocated</b>
Monoclonal Antibody to CD1a, Fluorochrome PE, or equivalent	test	250	250
Monoclonal Antibody to CD2, Fluorochrome FITC or Alexa Fluor 488, or equivalent	—“—	233	233
Monoclonal Antibody to CD2, Fluorochrome PE-Cy5, or equivalent	—“—	0	0
Monoclonal Antibody to CD3, Fluorochrome APC-Alexa Fluor 750 or APC-H7, or equivalent	—“—	700	700
Monoclonal Antibody to CD3, Fluorochrome ECD or PE-Texas Red, or PE-CF594, or equivalent	—“—	1,533	1,533
Monoclonal Antibody to CD3, Fluorochrome FITC or Alexa Fluor 488, or equivalent	—“—	933	933
Monoclonal Antibody to CD3, Fluorochrome PE-Cy5, or equivalent	—“—	267	267
Monoclonal Antibody to CD3, Fluorochrome PE-Cy7, or equivalent	—“—	300	300
Monoclonal Antibody to CD4, Fluorochrome FITC or Alexa Fluor 488, or equivalent	—“—	67	67
Monoclonal Antibody to CD4, Fluorochrome Pacific Blue, or equivalent	—“—	100	100
Monoclonal Antibody to CD4, Fluorochrome PE, or equivalent	test	400	400
Monoclonal Antibody to CD4, Fluorochrome PE-Cy5, or equivalent	—“—	33	33
Monoclonal Antibody to CD5, Fluorochrome APC-Alexa Fluor 700, or equivalent	—“—	100	100
Monoclonal Antibody to CD5, Fluorochrome PE, or equivalent	—“—	267	267
Monoclonal Antibody to CD5, Fluorochrome PE-Cy5, or equivalent	—“—	200	200
Monoclonal Antibody to CD5, Fluorochrome PE-Cy5.5, or PerCP-Cy5.5, or equivalent	—“—	100	100
Monoclonal Antibody to CD7, Fluorochrome APC or Alexa Fluor 647, or equivalent	—“—	400	400
Monoclonal Antibody to CD7, Fluorochrome FITC or Alexa Fluor 488, or equivalent	—“—	200	200
Monoclonal Antibody to CD7, Fluorochrome PE, or equivalent	—“—	100	100
Monoclonal Antibody to CD8, Fluorochrome APC-Alexa Fluor 700, or equivalent	—“—	100	100
Monoclonal Antibody to CD8, Fluorochrome FITC or Alexa Fluor 488, or equivalent	—“—	67	67
Monoclonal Antibody to CD8, Fluorochrome PE, or equivalent	—“—	0	0
Monoclonal Antibody to CD8, Fluorochrome PE-Cy5, or equivalent	—“—	100	100

<b>International non-proprietary name</b>	<b>Form of presentation</b>	<b>Estimated Demand, 100%</b>	<b>Estimated Quantity under the Assets Allocated</b>
Monoclonal Antibody to CD8, Fluorochrome APC or Alexa Fluor 647, or equivalent	test	67	67
Monoclonal Antibody to CD9, Fluorochrome FITC or Alexa Fluor 488, or equivalent	—“—	267	267
Monoclonal Antibody to CD10, Fluorochrome PE, or equivalent	—“—	367	367
Monoclonal Antibody to CD10, Fluorochrome PE-Cy5, or equivalent	—“—	300	300
Monoclonal Antibody to CD10, Fluorochrome PE-Cy5.5 or PerCP-Cy5.5, or equivalent	—“—	300	300
Monoclonal Antibody to CD10, Fluorochrome PE-Cy7, or equivalent	—“—	400	400
Monoclonal Antibody to CD11a, Fluorochrome PE, or equivalent	—“—	50	50
Monoclonal Antibody to CD11b, Fluorochrome PE, or equivalent	—“—	200	200
Monoclonal Antibody to CD11c, Fluorochrome PE, or equivalent	—“—	450	450
Monoclonal Antibody to CD13, Fluorochrome PE, or equivalent	—“—	333	333
Monoclonal Antibody to CD14, Fluorochrome FITC or Alexa Fluor 488, or equivalent	—“—	234	234
Monoclonal Antibody to CD14, Fluorochrome PE, or equivalent	—“—	233	233
Monoclonal Antibody to CD15, Fluorochrome PE-Cy5, or equivalent	—“—	700	700
Monoclonal Antibody to CD15, Fluorochrome PE, or equivalent	test	67	67
Monoclonal Antibody to CD16, Fluorochrome FITC or Alexa Fluor 488, or equivalent	—“—	67	67
Monoclonal Antibody to CD16, Fluorochrome PE, or equivalent	—“—	133	133
Monoclonal Antibody to CD19, Fluorochrome ECD or PE-Texas Red, or PE-CF594, or equivalent	—“—	1,266	1,266
Monoclonal Antibody to CD19, Fluorochrome PE-Cy5, or equivalent	—“—	466	466
Monoclonal Antibody to CD19, Fluorochrome PE-Cy7, or equivalent	—“—	300	300
Monoclonal Antibody to CD20, Fluorochrome APC-Alexa Fluor 700, or equivalent	—“—	100	100
Monoclonal Antibody to CD20, Fluorochrome APC-Alexa Fluor 750 or APC-H7, or equivalent	—“—	100	100
Monoclonal Antibody to CD20, Fluorochrome FITC or Alexa Fluor 488, or equivalent	—“—	400	400
Monoclonal Antibody to CD20, Fluorochrome PE-Cy5.5 or PerCP-Cy5.5, or equivalent	—“—	200	200

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Monoclonal Antibody to CD22, Fluorochrome PE, or equivalent	—“—	200	200
Monoclonal Antibody to CD24, Fluorochrome PE, or equivalent	—“—	317	317
Monoclonal Antibody to CD30, Fluorochrome PE, or equivalent	—“—	250	250
Monoclonal Antibody to CD33, Fluorochrome PE-Cy5, or equivalent	test	400	400
Monoclonal Antibody to CD34, Fluorochrome APC or Alexa Fluor 647, or equivalent	—“—	800	800
Monoclonal Antibody to CD34, Fluorochrome ECD, PE-Texas Red, PE-CF594, or equivalent	—“—	700	700
Monoclonal Antibody to CD34, Fluorochrome FITC or Alexa Fluor 488, or equivalent	—“—	1,000	1,000
Monoclonal Antibody to CD34, Fluorochrome PE, or equivalent	—“—	1,799	1,799
Monoclonal Antibody to CD34, Fluorochrome PE-Cy5, or equivalent	—“—	1,000	1,000
Monoclonal Antibody to CD38, Fluorochrome PE, or equivalent	—“—	200	200
Monoclonal Antibody to CD38, Fluorochrome PE-Cy5, or equivalent	—“—	333	333
Monoclonal Antibody to CD38, Fluorochrome PE-Cy5.5 or PerCP-Cy5.5, or equivalent	—“—	200	200
Monoclonal Antibody to CD41, Fluorochrome FITC, Alexa Fluor 488, or equivalent	—“—	200	200
Monoclonal Antibody to CD42a, Fluorochrome FITC or Alexa Fluor 488, or equivalent	—“—	0	0
Monoclonal Antibody to CD42b, Fluorochrome FITC or Alexa Fluor 488, or equivalent	—“—	133	133
Monoclonal Antibody to CD44, Fluorochrome PE, or equivalent	—“—	0	0
Monoclonal Antibody to CD45, Fluorochrome APC, or Alexa Fluor 647, or equivalent	test	1,033	1,033
Monoclonal Antibody to CD45, Fluorochrome APC-Alexa Fluor 700, or equivalent	—“—	800	800
Monoclonal Antibody to CD45, Fluorochrome APC-Alexa Fluor 750, or APC-H7, or equivalent	—“—	700	700
Monoclonal Antibody to CD45, Fluorochrome ECD, PE-Texas Red, PE-CF594, or equivalent	—“—	333	333
Monoclonal Antibody to CD45, Fluorochrome Krome Orange or Brilliant Violet 510, or equivalent	—“—	100	100
Monoclonal Antibody to CD45, Fluorochrome Pacific Blue, or equivalent	—“—	100	100

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Monoclonal Antibody to CD45, Fluorochrome PE-Cy5, or equivalent	—“—	300	300
Monoclonal Antibody to CD45, Fluorochrome PE-Cy7, or equivalent	—“—	700	700
Monoclonal Antibody to CD48, Fluorochrome ECD, or PE-Texas Red, or PE-CF594, or equivalent	—“—	200	200
Monoclonal Antibody to CD56, Fluorochrome PE, or equivalent	—“—	4,000	4,000
Monoclonal Antibody to CD56, Fluorochrome PE-Cy5, or equivalent	—“—	266	266
Monoclonal Antibody to CD57, Fluorochrome FITC or Alexa Fluor 488, or equivalent	—“—	67	67
Monoclonal Antibody to CD58, Fluorochrome APC, or Alexa Fluor 647, or equivalent	—“—	200	200
Monoclonal Antibody to CD58, Fluorochrome FITC or Alexa Fluor 488, or equivalent	test	67	67
Monoclonal Antibody to CD59, Fluorochrome PE, or equivalent	—“—	0	0
Monoclonal Antibody to CD61, Fluorochrome PE, or equivalent	—“—	23	23
Monoclonal Antibody to CD64, Fluorochrome FITC or Alexa Fluor 488, or equivalent	—“—	167	167
Monoclonal Antibody to CD65, Fluorochrome FITC or Alexa Fluor 488, or equivalent	—“—	100	100
Monoclonal Antibody to CD69, Fluorochrome PE-Cy5, or equivalent	—“—	67	67
Monoclonal Antibody to CD79a, Fluorochrome PE, or equivalent	—“—	373	373
Monoclonal Antibody to CD81, Fluorochrome PE, or equivalent	—“—	217	217
Monoclonal Antibody to CD90, Fluorochrome PE, or equivalent	—“—	200	200
Monoclonal Antibody to CD99, Fluorochrome ECD, PE-Texas Red or PE-CF594, or equivalent	—“—	200	200
Monoclonal Antibody to CD117, Fluorochrome PE, or equivalent	—“—	234	234
Monoclonal Antibody to CD117, Fluorochrome PE-Cy5, or equivalent	—“—	200	200
Monoclonal Antibody to CD117, Fluorochrome PE-Cy7, or equivalent	—“—	200	200
Monoclonal Antibody to CD123, Fluorochrome PE-Cy5.5 or PerCP-Cy5.5, or equivalent	test	300	300
Monoclonal Antibody to CD127, Fluorochrome PE, or equivalent	—“—	0	0

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Monoclonal Antibody to CD157, Fluorochrome PE, or equivalent	—“—	67	67
Monoclonal Antibody to Anti-MPO, Fluorochrome FITC or Alexa Fluor 488, or equivalent	—“—	234	234
Monoclonal Antibody to Anti-TdT, Fluorochrome FITC or Alexa Fluor 488, or equivalent	—“—	250	250
Monoclonal Antibody to CDNG2, Fluorochrome PE, or equivalent	—“—	200	200
Monoclonal Antibody to HLA-DR, Fluorochrome FITC or Alexa Fluor 488, or equivalent	—“—	367	367
Monoclonal Antibody to HLA-DR, Fluorochrome PE, or equivalent	—“—	400	400
Monoclonal Antibody to HLA-DR, Fluorochrome PE-Cy5, or equivalent	—“—	167	167
Monoclonal Antibody to Ig M, Fluorochrome FITC or Alexa Fluor 488, or equivalent	—“—	600	600
Monoclonal Antibody to TCR $\alpha/\beta$ , Fluorochrome PE, or equivalent	—“—	1,700	1,700
Monoclonal Antibody to TCR $\gamma/\delta$ , Fluorochrome PE, or equivalent	—“—	1,700	1,700
Monoclonal Antibody to Anti-kappa/Anti-Lambda/CD19, Fluorochrome FITC/PE/ECD or FITC/PE/PerCP, or equivalent	—“—	875	875
Monoclonal Antibodies to CD3/CD16+CD56 or Fluorochrome FITC/PE, or equivalent	test	1,800	1,800
Monoclonal Antibodies to CD45/CD4/CD3, Fluorochrome FITC/RD1/PC5 or FITC/PE/PerCP, or equivalent	—“—	1,400	1,400
Cell cycle assay kit (to detect changes in DNA cells during G0, G1, S, G2, M phases)	vial	4	4
Reagent kit to detect hematopoietic progenitor cells in biological samples	—“—	15	15
SYTO 16 Nucleic Acid Stain	—“—	5	5
7-AAD Nucleic Acid Stain	—“—	14	14
Flow cytometer sheath fluid	package	91	91
Phosphate Buffered Saline, solution	—“—	24	24
Solution for cell fixation, and permeabilization used for intracellular research	—“—	12	12
RBC Lysis Buffer used after monoclonal antibody staining in accordance with the “no-wash” staining procedure	vial	26	26
Flow cytometer wash buffer	package	13	13
RBC Lysis Buffer used after monoclonal antibody staining (10x)	vial	26	26

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Buffer solution kit for cell fixation, permeabilization and wash-out	kit	11	11
Flow cytometer tube, 12 x 75 mm, blue	package	38	38
<i>Reagents for PCR-based molecular genetic studies</i>			
Reagent kit (10 x multiplex marker set) for HLA-typing and chimerism testing	kit	1	1
Reagent kit (30 markers) for qPCR chimerism monitoring	—“—	1	1
NP-40 solution (octylphenoxypolyethoxyethanol)	vial	3	3
CEP X/CEP Y chromosome-specific DNA Probe Kit (Satellite III) for identification of centromere chromosome regions and interphase/ metaphase aneuploidy detection	kit	3	3
DAPI fluorescent stain with Antifade mounting solution	vial	20	20
CEP X/CEP Y chromosome-specific DNA Probe Kit (Alpha Satellite) for identification of centromere chromosome regions and interphase/ metaphase aneuploidy detection	kit	4	4
BCR-ABL Dual Colour Translocation Probe Kit	—“—	4	4
PML (15q22) and RAR $\alpha$ (17q12.1) Dual Colour Translocation Probe Kit	—“—	3	3
CBFB Dual Colour Rearrangement Probe Kit	—“—	2	2
RUNX1 and RUNX1T1 Dual Colour Translocation Probe Kit	—“—	2	2
7q DNA Deletion-and Rearrangement Detection Kit to the ends of chromosomes	—“—	1	1
Universal reagent kit for Real-time PCR amplification of genome sequences, plasmid or cDNA, including quantification and genotyping	—“—	13	13
cDNA Reverse Transcription Mix	—“—	1	1
RPMI-1640 Medium	vial	70	70
Fetal Bovine Serum (FBS)	—“—	0	0
96-well rigid polypropylene plates compatible with real-time PCR systems, recirculation systems and thermal cyclers	package	9	9
Optical adhesive film for microplates	package	2	2
KIR Genotyping Kit using the PCR method with detection in Agarose gel	kit	1	1
Multiplex Qualitative Detection Kit for BCR/ABL1 mutations by PCR method with detection in Agarose gel	—“—	1	1
FLT3 Mutation Assay Kit for PCR-based detection of FLT3 mutations in Agarose gel	—“—	1	1

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p53 (17p13.1) Translocation Probe Kit	—“—	0	0
TCF3 Translocation Probe Kit	—“—	0	0
MECOM Translocation Probe Kit	—“—	0	0
BCR-ABL Real-Time PCR Regaent Kit, mbcr p210 b2a2 or b3a2	—“—	0	0
RUNX1-RUNX1T1 (or AML1-ETO), Real-Time PCR Quantification Kit	—“—	0	0
CBFB-MYH11 A, Real-Time PCR Quantification Kit	—“—	0	0
HLA Class I and II ABDR SSP Typing Kit for low-res allele screening	—“—	53	53
HLA Class I(C) SSP Typing Kit for low-res allele screening	—“—	7	7
HLA Class II(C) DQB1 SSP Typing Kit for low-res allele screening	kit	4	4
DNA Extraction Kit to isolate DNA from whole blood, serum, plasma and body fluids with the use of the silica membrane technology and in accordance with the chaotropic salt binding principle	—“—	14	14
Thermostable DNA saltrase	package	57	57
Agarose	—“—	12	12
Ethidium bromide solution for sequence-specific primer typing	—“—	480	480
High Resolution HLA Typing Kit, A Locus	kit	2	2
High Resolution HLA Typing Kit, B Locus	—“—	0	0
High Resolution HLA Typing Kit, C Locus	—“—	0	0
High Resolution HLA Typing Kit, DRB1 Locus, Exon 2 & 3	—“—	1	1
High Resolution HLA Typing Kit, DQB1 Locus, Exon 2 & 3, 2 amplifications	—“—	1	1
4- Capillary Array without internal coating for fragment sequencing and analysis	package	3	3
POP-7 Polymer	vial	25	25
Concentrated Electrophoresis Reaction EDTA Buffer	—“—	0	0
RNA reagent inhibitor	package	23	23
PCR DNA degradation solution	kit	7	7
Reagent kit for PML-RAR $\alpha$ bcr1 detection and quantification by Real-Time PCR	—“—	1	1
PML-RAR $\alpha$ bcr1 Standard Kit	—“—	2	2
Reagent kit for PML-RAR $\alpha$ bcr2 detection and quantification by Real-Time PCR	kit	1	1
PML-RAR $\alpha$ bcr2 Standard Kit	—“—	2	2



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Reagent kit for PML-RAR $\alpha$ bcr3 detection and quantification by Real-Time PCR	—“—	4	4
PML-RAR $\alpha$ bcr3 Standard Kit	—“—	1	1
Reagent kit for ETV6/RUNX1 (TEL/AML) mutation quantitative detection by Real-Time PCR	—“—	5	5
ETV6/RUNX1 (TEL/AML) Standard	—“—	2	2
Reagent kit for BCR-ABL p190 e1a2 detection and quantification by Real-Time PCR	—“—	5	5
BCR-ABL Control Gene Standards for 3 dilutions	—“—	3	3
BCR-ABL Control Gene Standards for 4 dilutions	—“—	2	2
ABL Control Gene Standards	—“—	4	4
TCF3-PBX1 Control Gene Standards	—“—	2	2
SIL-TAL Control Gene Standards	—“—	2	2
AML1-ETO SIL-TAL Control Gene Standard	—“—	1	1
CBFB-MYH11 A SIL-TAL Control Gene Standard	—“—	2	2
CBFB-MYH11 D Control Gene Standard	—“—	0	0
CBFB-MYH11 E Control Gene Standard	—“—	0	0
MLL-AF4 Control Gene Standard (e10e4)	—“—	1	1
MLL-AF4 Control Gene Standard (e9e5)	—“—	1	1
MLL-AF4 Control Gene Standard (e11e5)	kit	1	1
MLL-AF9 Control Gene Standard (e8e10)	—“—	1	1
MLL-AF9 Type A Control Gene Standard (e10e6)	—“—	1	1
MLL-AF9 Type B Control Gene Standard (e8e9)	—“—	1	1
MLL-AF1p Control Gene Standard (e10e2)	—“—	1	1
MLL-AF6 Control Gene Standard (e8e2)	—“—	1	1
MLL-DUP Control Gene Standard (e2e8)	—“—	1	1
MLL-ENL Control Gene Standard (e10e2)	—“—	1	1
MLL-ENL Control Gene Standard (e9e2)	—“—	1	1
MLL-ELL Control Gene Standard (e8e2)	—“—	1	1
MLL-ELL Control Gene Standard (e9e2)	—“—	1	1
Custom Synthesis Reagent Kit for Real-Time PCR Gene Expression Analysis	—“—	40	40
Fluorescent primer, phosphate group (5'-labeled)	package	2	2
Fluorescent probe with a tetramethylrhodamine dye	—“—	30	30
Real-Time PCR Master Kit	kit	6	6
Optical tube strips, 8 x strip, capped, 0.2 $\mu$ l	package	20	20
WT microchip for a MultiNA Microchip Electrophoresis System	piece	2	2
PCR tubes, non-capped, 0.2 $\mu$ l	package	4	4

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Reagent Kit for separation, sizing and quantification of dsDNA fragments from 100 to 1,000 bp	kit	2	2
Reagent Kit for sizing of dsDNA fragments from 100 to 1,500 bp from agarose and polyacrylamide gels	—“—	1	1
Reagent Kit for separation, sizing and quantification of dsDNA fragments from 25 to 500 bp	—“—	2	2
Reagent Kit for sizing of dsDNA fragments from 25 to 700 bp from agarose and polyacrylamide gels	—“—	1	1
Nucleic Acid Dye, UV or visible light excitable	vial	1	1
Tris EDTA Buffer, pH 8.0	—“—	1	1
Cleaning Solution for a microchip electrophoresis system, nucleic acids	—“—	1	1
Thin-walled assay tube, PP, compatible with a Qubit fluorometer	package	4	4
Selective assay for dsDNA over RNA analysis, compatible with a Qubit fluorometer	kit	8	8
Low-abundance RNA Quantification Kit, compatible with a Qubit fluorometer	—“—	10	10
TaqMan Probe, fluorescent	package	10	10
gDNA Rapid Purification Kit from whole blood, serum, plasma, or other body fluids	kit	0	0
SNP Genotyping Assay	—“—	2	2
miRNA Quantitative Assay	—“—	0	0
miRNA Reverse Transcription Kit	—“—	0	0
DNA/RNA Paraffin Block Extraction Kit with the use of the silica membrane technology	kit	5	5
miRNA/RNA Cell/Tissue Extraction Kit with the use of the silica membrane technology	—“—	0	0
RNA Extraction Kit to isolate RNA from fresh or frozen whole blood stabilized (with EDTA, citrate, or heparin) blood samples with the use of the silica membrane technology	—“—	3	3
RNA Extraction Kit with the use of the silica membrane technology	—“—	5	5
RNA Extraction Kit with the use of the silica membrane mini spin columns	—“—	3	3
RNase Reagent	package	1	1
Proteinase K Reagent	—“—	1	1
Stabilization and protection solution for cellular RNA in intact, unfrozen tissue samples	vial	2	2
Versene solution	—“—	20	20

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SYBR Green Real-Time PCR Kit	kit	3	3
Enzymes for DNA restriction	package	2	2
RNA reagent inhibitor	—“—	1	1
Deparaffinization solution	vial	1	1
gDNA/RNA Paraffin Block Extraction Kit	kit	3	3
gDNA/RNA Extraction Kit	—“—	1	1
Rapid gDNA Tissue Extraction Kit	—“—	1	1
Plastic tip, 200 µl, QIAcube Automated System	package	1	1
Plastic tip, 1,000 µl, QIAcube Automated System,	—“—	11	11
Bottle rack, 6x30 ml, QIAcube Automated System	package	1	1
Reagent bottles, 6x30 ml, QIAcube Automated System	—“—	1	1
Disposable Rotor Adapter and Elution Tube Kit, 1.5 ml, QIAcube Automated System	—“—	1	1
<i>Reagents and consumables for immunocytological and molecular genetic studies using fluorescence in situ hybridization (FISH)</i>			
Dual-Colour DNA Probe Kit, 1p36/1q25 and 19q13 /19p13	kit	3	3
MLL Dual Colour Break Apart Rearrangement DNA Probe Kit,11q23	—“—	6	6
TP53 / CEP 17 FISH Dual Colour DNA Probe Kit, 17p13.1	—“—	2	2
FOXO1 Dual Colour Break Apart Rearrangement DNA Probe Kit, 13q14.11	—“—	2	2
DDIT3, Dual Colour Break Apart Rearrangement DNA Probe Kit, 12q13	—“—	1	1
SS18, Dual Colour Break Apart Rearrangement DNA Probe Kit, 18q11.2	—“—	1	1
FUS, Dual Colour Break Apart Rearrangement DNA Probe Kit 16p11	—“—	1	1
N-MYC 2 Dual Colour DNA Probe Kit, 2p24	—“—	3	3
TEL (ETV6)/AML (RUNX1) Dual Colour Translocation Probe Kit	—“—	4	4
EWSR1 Dual Colour, Break Apart Rearrangement DNA Probe Kit, 22q12	kit	2	2
Sodium Chloride and Sodium Citrate Mix	package	1	1
IGH/MYC Triple Colour DNA Probe Kit, t (8; 14), q24; q32	kit	2	2

<b>International non-proprietary name</b>	<b>Form of presentation</b>	<b>Estimated Demand, 100%</b>	<b>Estimated Quantity under the Assets Allocated</b>
HER-2 DNA Probe Kit designed to determine HER-2 / neu gene amplification in FFPE samples	—“—	1	1
DNA Probe Kit designed to determine ALK translocations in pulmonary tissues	—“—	1	1
Formamide	litre	5	5
C MYC Break Apart Rearrangement DNA Probe Kit, 8q24.2	kit	1	1
CEP 9 DNA Probe Kit designed for identification of centromere chromosome regions and interphase/ metaphase aneuploidy detection	—“—	0	0
WCP Hybridization Buffer WCP (for full staining of chromosomes or their large parts)	package	0	0
DEK/NUP214 Dual Colour, Dual Fusion Translocation Probe, 6p22.3 and 9q34.13, respectively	kit	2	2
IGH/FGFR3 Dual Colour, Dual Fusion Translocation Probe, 14q32.33 and 4p16.3, respectively	—“—	2	2
CSF1R/D5S23, D5S721 Dual Colour, Dual Fusion Translocation Probe, 5q32	—“—	2	2
D13S319/13q34 Dual Colour Quantification Probe, 13q14 and 13q34, respectively	kit	2	2
D20S108 Deletion Probe Kit, 20q12	—“—	2	2
TCF3/PBX1 Dual Colour Translocation Probe Kit, 19p13.3 and 1q23, respectively	—“—	0	0
IGH/BCL2 Dual Colour Translocation Probe Kit, 14q32.33 and 18q21.33, respectively	—“—	2	2
Multi Colour Probe Kit for telomeric region detection in all chromosomes	—“—	1	1
Culture medium developed for the short term culture of bone marrow and other hematopoietic cells	package	19	19
Giemsa Stain Buffer Tablet, pH 6.8	—“—	1	1
N-desacetyl-N-methyl-colchicine in Hanks' Balanced Salt solution	vial	6	6
Trypsin Solution, 0,25%, with phenol red, EDTA-free	—“—	10	10
Giemsa Stain Solution (G-banding)	—“—	4	4
RNase A Solution	package	2	2
Karyotyping culture medium: RPMI-1640 as the basic culture medium supplemented with L-Glutamine, Gentamicin Sulfate, Fetal Bovine Serum (FBS) and Phytohemagglutinin (PHA)	—“—	178	178
Phytohemagglutinin (PHA) Solution, M Form	—“—	2	2

International non-proprietary name	Form of presentation	Estimated Demand, 100%	Estimated Quantity under the Assets Allocated
Insulin-Transferrin-Selenium (ITS-G) Supplement to Culture Medium	vial	8	8
Pepsin A Solution in Sodium Azide	—“—	1	1
L-Glutamine Solution	—“—	7	7
Antibiotic-Antimycotic (Penicillin 10,000 U/ml, Streptomycin 10,000 mg/ml, Amphotericin B 25 µ/ml) (100x)	—“—	7	7
Ficoll Solution, 1,077 g/ml density	—“—	2	2
Potassium Chloride	package	2	2
<i>Reagents and consumables for sequencing during diagnostics of oncohaematology diseases and treatment monitoring</i>			
PCR and Electrophoresis Gel DNA Purification Kit	kit	2	2
Sequencing Kit based on ssDNA or dsDNA, fluorescent PCR fragments	—“—	2	2
Sequencing Mix Purification Kit (a solution used to remove unincorporated dye terminators and free salts from the post-sequencing reaction)	—“—	1	1
Highly Deionized Formamide	vial	4	4
96-Well Plate Rubber Septum	package	4	4
Five dye-labelled high density size standard for the reproducible sizing of fragment analysis data	kit	1	1
Tris Acetate-EDTA Buffer (10x)	vial	10	10
Sequencing Kit used to identify somatic variants in myeloid malignancies (acute myeloid leukaemia, myelodysplastic syndrome, myeloproliferative growth, chronic myeloid leukaemia, chronic myelomonocytic leukemia and juvenile myelomonocytic leukemia)	kit	2	2
Reagent Kit used to prepare sample libraries from DNA extracted from peripheral whole blood and formalin-fixed, paraffin-embedded tissue	kit	2	2
MiSeq Sequencing Cycle Kit	—“—	12	12
HLA Genotyping Kit (11 loci)	—“—	2	2
Long Range PCR Reagent Kit	—“—	1	1
Miseq Nano Sequencing Kit	—“—	6	6
Sequence Run Control Library, ready to use	—“—	1	1
Quantification Kit for RNA/DNA fragments of the same length	—“—	1	1
Cleanup and Sizing Kit for DNA fragments when building the next generation sequencing library	—“—	1	1

<b>International non-proprietary name</b>	<b>Form of presentation</b>	<b>Estimated Demand, 100%</b>	<b>Estimated Quantity under the Assets Allocated</b>
Reagent Kit used for rapid preparation of amplicon libraries	—“—	4	4
Genetic Indexing Kit	—“—	1	1
Reagent Kit used to identify 50 cancer gene mutations	—“—	1	1
MiSeq Sequencing Kit	—“—	1	1
Reagent Kit used to amplify 15 genes that are commonly mutated in solid formalin-fixed tumours	—“—	2	2
<i>Reagents and medical products for immunohistochemical and morphologic diagnosis and differentiated diagnosis of solid tumours</i>			
Monoclonal Mouse Anti-Human Cytokeratin	package	2	2
Polyclonal Rabbit Anti-Human Alpha-1-Fetoprotein	—“—	4	4
Monoclonal Mouse Anti-Human CD246	package	3	3
Monoclonal Mouse Anti-Human Bcl2 Protein	—“—	1	1
Monoclonal Mouse Anti-Human Bcl6 Protein	—“—	2	2
Monoclonal Mouse Antibody to Human CA 125	—“—	3	3
Monoclonal Mouse Anti-Human Calretinin	—“—	3	3
Monoclonal Mouse Anti-Human CD1a	—“—	2	2
Monoclonal Mouse Anti-Human CD10	—“—	3	3
Polyclonal Rabbit Anti-Human CD117	—“—	3	3
Monoclonal Mouse Anti-Human CD138	—“—	3	3
Monoclonal Mouse Anti-Human CD15	—“—	2	2
Monoclonal Mouse Antibody to Human CD20cy	—“—	4	4
Monoclonal Mouse Antibody to Human CD23	—“—	3	3
Polyclonal Rabbit Anti-Human CD3	—“—	3	3
Monoclonal Mouse Antibody to Human CD30	—“—	3	3
Monoclonal Mouse Antibody to Human CD31	—“—	2	2
Monoclonal Mouse Antibody to Human CD34	—“—	3	3
Monoclonal Mouse Antibody to Human CD38	—“—	3	3
Monoclonal Mouse Antibody to Human CD4	—“—	3	3
Monoclonal Mouse Antibody to Human CD45	—“—	3	3
Monoclonal Rabbit Anti-Human CD5	package	3	3
Monoclonal Mouse Antibody to Human CD56	—“—	2	2
Monoclonal Mouse Antibody to Human CD68	—“—	2	2
Monoclonal Mouse Antibody to Human CD8	—“—	4	4
Monoclonal Mouse Antibody to Human CD99	—“—	3	3
Monoclonal Mouse Antibody to Human CDX2	—“—	2	2
Monoclonal Mouse Antibody to Human Carcinoembryonic Antigen	—“—	2	2
Polyclonal Rabbit Anti-Human Chromogranin A	—“—	2	2

<b>International non-proprietary name</b>	<b>Form of presentation</b>	<b>Estimated Demand, 100%</b>	<b>Estimated Quantity under the Assets Allocated</b>
Monoclonal Mouse Antibody to Human Cytokeratin 20	—“—	3	3
Monoclonal Mouse Antibody to Human Cytokeratin 7	—“—	3	3
Monoclonal Mouse Antibody to Human Collagen IV	—“—	3	3
Monoclonal Rabbit Anti-Human Cyclin D1	—“—	3	3
Monoclonal Mouse Antibody to Human Desmin	—“—	3	3
Monoclonal Mouse Anti-Epstein-Barr Virus	—“—	3	3
Polyclonal Rabbit Anti Glial Fibrillary Acidic Protein	—“—	2	2
Monoclonal Mouse Anti-Human Hepatocyte	—“—	3	3
Monoclonal Mouse Anti-Human Melanosome Clone	—“—	2	2
Monoclonal Mouse Anti-Human Inhibin $\alpha$	package	4	4
Polyclonal Rabbit Anti-Human Kappa Light Chains	—“—	2	2
Monoclonal Mouse Anti-Human Ki-67	—“—	6	6
Polyclonal Rabbit Anti-Human Lambda Light Chains	—“—	3	3
Monoclonal Mouse Anti-Human Muscle Actin	—“—	3	3
Monoclonal Mouse Anti-Human Melan-A	—“—	2	2
Monoclonal Mouse Anti-Human MUM1 Protein	—“—	2	2
Monoclonal Mouse Antibody to MyoD1	—“—	2	2
Monoclonal Mouse Anti-Myogenin	—“—	4	4
Monoclonal Mouse Anti-Human Neuron Specific Enolase	—“—	3	3
Monoclonal Mouse Anti-Human p53 Protein	—“—	3	3
Monoclonal Mouse Anti-Human B-Cell-Specific Activator Protein	—“—	2	2
Monoclonal Mouse Anti-Human Placental Alkaline Phosphatase	—“—	3	3
Monoclonal Mouse Anti-Human Progesteron Receptor	—“—	1	1
Monoclonal Mouse Anti-Human Renal Cell Carcinoma Marker	—“—	2	2
Polyclonal Rabbit Anti-Human Protein S100	—“—	2	2
Monoclonal Mouse Anti-Human Smooth Muscle Actin	package	3	3
Monoclonal Mouse Anti- Synaptophysin	—“—	2	2
Polyclonal Rabbit Anti-Human Thyroglobulin	—“—	2	2
Monoclonal Mouse Anti-Thyroid Transcription Factor	—“—	2	2

<b>International non-proprietary name</b>	<b>Form of presentation</b>	<b>Estimated Demand, 100%</b>	<b>Estimated Quantity under the Assets Allocated</b>
Monoclonal Mouse Antibody to Human VEGFR-1 (Flt-1 Receptor)	—“—	2	2
Monoclonal Mouse Anti-Vimentin	—“—	3	3
Polyclonal Rabbit Anti Human Von Willebrand Factor	—“—	2	2
Monoclonal Mouse Anti-Human Wilms’ Tumour 1 (WT-1) Protein	—“—	2	2
Immunohistochemical visualization system, high pH	—“—	6	6
Immunohistochemical hydrophobic pencil	piece	24	24
Microtome blades	package	90	90
Cytology synthetic balsam	—“—	16	16