

AP -RAD

 **Amir Payvand Research & Development Co.**
(Knowledge Based)



Molecular Diagnostic Kits

INFECTIOUS KITS

NO.	KIT DESCRIPTION	REFERENCE NO.	VOL.	CERTIFICATE
1	Multiplex One-Step rRT-PCR Kit For CoVID-19 (Real-time)	APCOVA	50 / 100 R	IVD
2	Multiplex One-step rRT-PCR kit for SARS-CoV-2, Influenza A & B (Real-time)	APSCFAB	50 / 100 R	IVD
3	Multiplex One-step rRT-PCR kit for SARS-CoV-2, Influenza A & B (five gene)(Real-time)	APCF5G	25 / 50 R	IVD
4	MTC and NTM Multiplex PCR kit (Real-time)	APMNTP	25 / 50 R	IVD
5	Adenovirus Qualitative Detection PCR Kit (Real-time)	APADVAK	25 / 50 R	IVD
6	<i>Pneumocystis jirovecii</i> Detection PCR Kit (Real-time)	APPJDK1	25 / 50 R	RUO/IVD (In progress)
7	Multiplex EBV/CMV/VZV PCR Detection Kit (Real-time) *NEW	APECVMK1	25 / 50 R	IVD
8	Multiplex HSV-I & II PCR Detection Kit (Real-time)	APMHSVK1	25 / 50 R	RUO/IVD (In progress)
9	Flu A/B, RSV Multiplex rRT-PCR Kit (Real-time) *NEW	APABRK1	50 R	IVD
10	Multiplex Bacterial Respiratory PCR Detection Kit (Real-time) *NEW	APHSSK1	25 / 50 R	IVD
11	Multiplex Bacterial Meningitis PCR Detection Kit (Real-time)	APMBMK1	25 / 50 R	RUO/IVD (In progress)
12	Rotavirus Detection rRT-PCR Kit (Real-time) *NEW	APROVK1	25 R	IVD
13	HPV High-Risk Screening/Genotyping Real Time PCR Kit	APHPHK1	50 / 100 R	RUO/IVD (In progress)
14	HPV Low-Risk Screening/Genotyping Real Time PCR Kit	APHPLK1	50 / 100 R	RUO
15	Monkeypox Multiplex PCR Kit (Real-time)	APMPXV	25 / 50 R	RUO
16	Mumps, Enterovirus Multiplex rRT-PCR Kit (Real-time)	APMEMK1	25 R	RUO/IVD (In progress)
17	JC/BK Virus Multiplex Real Time PCR Kit	APJCBKK1	25 / 50 R	RUO/IVD (In progress)
18	<i>Clostridium difficile</i> Multiplex Real Time PCR Kit	APCDMK1	25 / 50 R	RUO/IVD (In progress)
19	STI Multiplex Real Time PCR Kit	APSTIRK1	25 R	RUO/IVD (In progress)
20	Dengue Virus (1-4) rRT-PCR Detection/Genotyping Kit (Real-time)	APDE4VRK1	25 / 50 R	RUO
21	Dengue Virus rRT-PCR Kit (Real-time)	APDENVRK1	25 / 50 R	RUO/IVD (In progress)
22	Dengue/Chikungunya/Zika Virus Multiplex rRT-PCR Kit (Real-time)	APDCZVRK1	25 / 50 R	RUO
23	Fungiplex PCR Kit (Conventional)	APFUGCK1	25 / 50 R	Coming Soon
24	<i>Brucella</i> Real Time PCR Kit	APBRURK1	25 / 50 R	RUO
25	<i>Borrelia species/B. burgdorferi</i> Real Time PCR Kit	APBORRK1	25 R	RUO
26	<i>Cryptococcus neoformans/gattii</i> Real Time PCR Kit	APCNFRK1	25 R	RUO/IVD (In progress)
27	CMV Real Time PCR Kit	APCMVRK1	25/50 R	RUO/IVD (In progress)
28	EBV Real Time PCR Kit	APEBVRK1	25/50 R	RUO/IVD (In progress)
29	VZV Real Time PCR Kit	APVZVRK1	25/50 R	RUO
30	Parvovirus B19 Real Time PCR Kit	APB19RK1	25/50 R	RUO
31	5-Plex Bacterial Pneumonia Real Time PCR Kit	AP5PBPRK1	25/50 R	Coming Soon
32	6-Plex Bacterial Meningitis Real Time PCR Kit	AP6PBMRK1	25/50 R	Coming Soon
33	Malaria Real Time PCR Kit	APMALRK1	25 R	RUO/IVD (In progress)
34	Nocardia Real Time PCR Kit	APNOCRK1	25R	RUO/IVD (In progress)

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GENOMIC KITS

NO.	KIT DESCRIPTION	REFERENCE NO.	VOL.	CERTIFICATE
1	t(4;11) <i>KMT2A::AFF1</i> Fusion Detection rRT-PCR Kit (Real-time)	APMLLK1	25 R	IUO/IVD (In progress)
2	<i>PML::RARA</i> Fusion Detection rRT-PCR Kit (Real-time)	APPMLK1	25 R	IUO/IVD (In progress)
3	<i>PML::RARA</i> Detection rRT-PCR Kit (Real-time) *NEW	APPMLDRK1	25 R	IVD
4	<i>PML::RARA</i> Fusion Detection RT-PCR Kit (Conventional)	APPMLFCK1	25 R	Coming Soon
5	t(8;21) <i>RUNX1::RUNX1T1</i> Fusion Detection rRT-PCR Kit (Real-time)	APRUNK1	25 R	IUO/IVD (In progress)
6	t(12;21) <i>ETV6::RUNX1</i> Fusion Detection rRT-PCR Kit (Real-time)	APETVK1	25 R	IUO/IVD (In progress)
7	<i>BCR::ABL</i> ^{p210} Detection rRT-PCR Kit (Real-time)	APBCRP2K1	25 R	IUO/IVD (In progress)
8	<i>BCR::ABL</i> ^{p210} Fusion Detection RT-PCR Kit (Conventional)	APBCRP2CK1	25 R	RUO/IVD (In progress)
9	<i>BCR::ABL</i> ^{p190} Detection rRT-PCR Kit (Real-time)	APBCRP1K1	25 R	IUO/IVD (In progress)
10	<i>BCR::ABL</i> ^{p190} Detection RT-PCR Kit (Conventional)	APBCRP1CK1	25 R	RUO/IVD (In progress)
11	t(1;19) <i>TCF3::PBX1</i> Fusion Detection rRT-PCR Kit (Real-time)	APE2AK1	25 R	IUO/IVD (In progress)
12	Common ALL translocation Multiplex RT-PCR Kit (Conventional)	APCATK1	25 R	RUO/IVD (In progress)
13	Inv16/t(16;16) <i>CBFB::MYH11</i> Detection rRT-PCR Kit (Real-time)	APIN16RK1	25 R	RUO/IVD (In progress)
14	<i>Jak2</i> V617F Mutation Detection Kit (Conventional)	APJAK2K1/24	24 R	IVD
15	<i>Jak2</i> V617F Mutation Detection Real Time PCR Kit	APJAKRA	25 / 50 R	RUO/IVD (In progress)
16	MTHFR A1298C Mutation Detection Kit (RFLP)	APMTHA1K1	25 R	RUO
17	MTHFR C677T Mutation Detection Kit (RFLP)	APMTHC6K1	25 R	RUO
18	Prothrombin G20210A Mutation Detection Kit (RFLP)	APPG202K1	25 R	RUO
19	Factor V Leiden G506A Mutation Detection (RFLP)	APFVLRK1	25 R	RUO
20	MTHFR Genotyping Real Time PCR Kit	APMTHRK1	25 / 50 R	RUO
21	FVL & FII Genotyping Real Time PCR Kit	APFVIK1	25 / 50 R	RUO
22	CALR Mutation Screening PCR Kit (Conventional)	APCALCK1	25 / 50 R	Coming Soon
23	MPL W515L/K Mutation Detection PCR Kit (Conventional)	APMPLCK1	25 / 50 R	Coming Soon
24	BRAF V600E Mutation Detection PCR Kit (Conventional)	APBRFCK1	25 R	Coming Soon

EXTRACTION KITS

NO.	KIT DESCRIPTION	REFERENCE NO.	VOL.	CERTIFICATE
1	SARS-Cov-2 RNA Extraction Kit	APSCRE	50 & 100 R	IVD
2	Mycobacterial DNA Extraction Kit	APMYNDE	50 & 100 R	IVD
3	AP-RAD Genomic RNA Extraction Kit	APGREK	50 & 100 R	IVD
4	AP-RAD Genomic DNA Extraction Kit	APGDE	50 & 100 R	IVD
5	Fungi/Bacteria DNA Extraction Kit	APFBDK1	50 R	RUO
6	Viral DNA/RNA Extraction Kit	APVDRK1	50 & 100 R	RUO/IVD (In progress)
7	Tissue DNA Extraction Kit	APTDEK1	50 R	Coming Soon
8	Apzol RNA Solution	APARSK1	50 & 100 ml	Coming Soon

Molecular Diagnostic Kits

CONTROLS

NO.	KIT DESCRIPTION	REFERENCE NO.	VOL.	CERTIFICATE
1	<i>Jak2</i> V617F DNA Control	APJAKCo.	50 µl	RUO
2	MTHFR A1298C DNA Control	APMTHACo.	50 µl	RUO
3	MTHFR C677T DNA Control	APMTHCCo.	50 µl	RUO
4	Prothrombin G20210A DNA Control	APPG20Co.	50 µl	RUO
5	Calreticulin type 1 DNA Control	APCAL1Co.	50 µl	RUO
6	Calreticulin type 2 DNA Control	APCAL2Co.	50 µl	RUO
7	Factor V Leiden DNA Control	APFVLCo.	50 µl	RUO
8	<i>BCR::ABL</i> p210 (b3a2) RNA Control	APBCR2.3Co.	50 µl	RUO
9	<i>BCR::ABL</i> p210 (b2a2) RNA Control	APBCR2.2Co.	50 µl	RUO
10	<i>BCR::ABL</i> p190 (e1a2) RNA Control	APBCR1Co.	50 µl	RUO
11	<i>PML::RARA</i> (bcr1) RNA Control	APPML1Co.	50 µl	RUO
12	<i>PML::RARA</i> (bcr3) RNA Control	APPML3Co.	50 µl	RUO
13	t(1;19) <i>TCF3::PBX1</i> RNA Control	APTFCCo.	50 µl	RUO
14	t(8;21) <i>RUNX1::RUNX1T1</i> RNA Control	APRUNXCo.	50 µl	RUO
15	t(12;21) <i>ETV6::RUNX1</i> RNA Control	APETVCo.	50 µl	RUO
16	SARS-CoV-2 RNA Control	APSARSCo.	50 µl	RUO
17	Flu A Virus RNA Control	APFLUACo.	50 µl	RUO
18	Flu B Virus RNA Control	APFLUBCo.	50 µl	RUO
19	ADV DNA Control	APADVCo.	50 µl	RUO
20	BKV DNA Control	APBKCo.	50 µl	RUO
21	JCV DNA Control	APJCCo.	50 µl	RUO
22	CMV DNA Control	APCMVCo.	50 µl	RUO
23	EBV DNA Control	APEBVCo.	50 µl	RUO

OTHERS

NO.	KIT DESCRIPTION	REFERENCE NO.	VOL.	CERTIFICATE
1	Viral Transport Medium, VTM	APVTM1	2 & 50 ml	IVD
2	AP-RAD Deparaffinization Solution *NEW	APDPSK1	10 ml	RUO
3	Tris-Borate-EDTA (TBE) Buffer 5x Solution	APTBEK1	200 ml	RUO
4	DNA Loading Dye Kit	APDNL1	500 µl	RUO
5	Erythrocyte (RBC) Lysis Buffer for Molecular Biology	APELBMBK1	50 & 500 ml	IUO
6	Phosphate Buffered Saline, PBS	APPBS2K1	950 ml	RUO

PATHOLOGY

NO.	KIT DESCRIPTION	REFERENCE NO.	VOL.	CERTIFICATE
1	Papanicolaou (PAP) Stain Kit *NEW	APPAPSK1	500/1000 ml	RUO/IVD (In progress)
2	H&E Stain Kit *NEW	APHESK1	500/1000 ml	RUO/IVD (In progress)
3	Trichrome Stain (Masson) Kit *NEW	APTCSK1	50 ml	RUO/IVD (In progress)
4	Reticulin Stain Kit *NEW	APRCSK1	50 ml	RUO/IVD (In progress)
5	Periodic Acid Schiff (PAS) Stain Kit *NEW	APPASSK1	50 ml	RUO/IVD (In progress)
6	10% Neutral Buffered Formalin	APNBFK1	10 /1000 ml	RUO
7	BM Decalcifier Solution *NEW	APBMDSK1	500 ml	RUO

MICROBIOLOGY

NO.	KIT DESCRIPTION	REFERENCE NO.	VOL.	CERTIFICATE
1	Methyl Red (MR) Reagent	APMRK1	10 ml	IVD
2	Voges-Proskauer (VP) Reagent	APVPK1	8 ml	IVD
3	TB-Fluorochrome Staining Kit	APFLOUK1	30 ml	IVD
4	Modified KOH kit -Mycology Direct Exam	APMKOK1	10 ml	RUO
5	Methylene Blue Loeffler's staining kit	APMETSK1	30 ml	IUO
6	Catalase Test Kit	APCATK1	10 ml	RUO
7	0.5McFarland Standard	APMCFSK1	10 ml	IUO
8	Kovac's Indole Test Kit	APKOUK1	10 ml	RUO
9	Gram Staining Kit	APGSK	50 ml	IVD
10	Myco-Prep Kit *NEW	APMYPK	10 & 20 ml	RUO/IVD (In progress)

URINE CHEMISTRY

NO.	KIT DESCRIPTION	REFERENCE NO.	VOL.	CERTIFICATE
1	Semi Quantitative Urine Protein Kit	APURIPK1	50 ml	RUO
2	Urine Dipstick 3 Level Controls	APUQCK1	5 ml	IVD
3	Urine Dipstick Abnormal Control	APUQC1K1	10 ml	IVD
4	Benedict's kit for Reducing Sugar-Urine and Stool	APBENEK1	2x 50 ml	RUO
5	Refractometer 3 Levels Control kit	APREFK1	5 ml	RUO
6	Ehrlich's Aldehyde Reagent for Urine Urobilinogen	APEHRK1	50 ml	RUO
7	Urine Bilirubin Confirmatory Reagent	APUBCK1	2x 50 ml	RUO

HEMATOLOGY & FLOW CYTOMETRY

NO.	KIT DESCRIPTION	REFERENCE NO.	VOL.	CERTIFICATE
1	Reticulocyte Staining Kit	APRETISK1	5/10 ml	IVD
2	Iron Staining of Bone Marrow (BM) aspirate and Biopsy/PB kit	APIRONSK1	30 ml	IVD
3	Erythrocyte Lysis Buffer for Flow cytometry	APELBFC1	50ml	IUO
4	Bovine Serum Albumin 22%	APBSAK1	10 ml	IVD
5	Concentrated Stain and Buffer for Hematology Slide Stainer	APHSRK1	200 ml	IVD

CONTROLS

NO.	KIT DESCRIPTION	REFERENCE NO.	VOL.	CERTIFICATE
1	SPE Normal Control *NEW	APSPECo.	1 ml	Coming Soon
2	Immunofixation Serum Control *NEW	APIMFSCo.	1 ml	Coming Soon



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Amir Payvand Research & Development Company

(Knowledge Based)

Manufacturer of Molecular Detection Kits, Controls & Laboratory Reagents



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