

Human Diagnostic PCR Kits



KleverTest PCR Kits are *in vitro* diagnostic kits designed for the fast qualitative and/or quantitative detection of nucleic acids of **various human pathogens** by **real-time PCR** with hybridization-fluorescence detection of amplified products.



KleverTest PCR kits have high specificity and sensitivity.



Kits contain special additives which significantly **increase resistance to inhibitors**. Usage of thermolabile uracil-DNA glycosylase allows to reduced **risk of carry-over contamination**.



The KleverTest reagent kits use a rapid and simple amplification protocol, in reliable assay results in **70–90 minutes** with minimal risk of operator error, significantly improving the accuracy of laboratory analyses.



KleverTest PCR kits are suitable for the most popular real-time PCR instruments. The reagent kits are designed to perform **100 reactions**.



We also offer **kits for RNA/DNA isolation** based on magnetic beads and spin columns. They can be used in manual or automated modes and are compatible with most popular automatic extraction stations.

Category	Product code	Pathogen	Quantitative	Multiplex
Urogenital infections	RK-CA-100	<i>Candida albicans</i>	—	—
	RK-CT-100	<i>Chlamydia trachomatis</i>	—	—
	RK-TV-100	<i>Trichomonas vaginalis</i>	—	—
	RK-UU/UP-100	<i>Ureaplasma urealyticum</i> and <i>Ureaplasma parvum</i> (with differentiation)	—	+
	RK-US-100	<i>Ureaplasma</i> spp.	—	—
	RK-MH-100	<i>Mycoplasma hominis</i>	—	—
	RK-MG-100	<i>Mycoplasma genitalium</i>	—	—
	RK-GV-100	<i>Gardnerella vaginalis</i>	—	—
	RK-NG-100	<i>Neisseria gonorrhoeae</i>	—	—
	RK-TP-100	<i>Treponema pallidum</i>	—	—
	RK-CT/MG-100	<i>Chlamydia trachomatis</i> and <i>Mycoplasma genitalium</i> (with differentiation)	—	+
	RK-CMU-100	<i>Chlamydia trachomatis</i> , <i>Mycoplasma genitalium</i> and <i>Ureaplasma</i> spp. (with differentiation)	—	+
	RK-CMUM-100	<i>Chlamydia trachomatis</i> , <i>Mycoplasma genitalium</i> , <i>Ureaplasma</i> spp. and <i>Mycoplasma hominis</i> (with differentiation)	—	+
	RK-CTMN-100	<i>Chlamydia trachomatis</i> , <i>Trichomonas vaginalis</i> , <i>Mycoplasma genitalium</i> and <i>Neisseria gonorrhoeae</i> (with differentiation)	—	+
Urogenital microbiota analysis	FC-BV-100	<i>Lactobacillus</i> spp., <i>Gardnerella vaginalis</i> and <i>Atopobium vaginae</i> with differentiation	+	+
	FC-CA5-100	<i>Candida albicans</i> , <i>Candida krusei</i> , <i>Candida glabrata</i> , <i>Candida tropicalis</i> and <i>Candida parapsilosis</i>	+	+
Human papilloma viral infections	RK-HPVq-100	HPV 16, 18, 45 (with differentiation) and 31, 33, 35, 39, 51, 52, 56, 58, 59, 66, 68 (without differentiation)	+	+
	RK-HPV-100	HPV 16, 18, 45 (with differentiation) and 31, 33, 35, 39, 51, 52, 56, 58, 59, 66, 68 (without differentiation)	—	+
	RK-HPV14q-25	HPV 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68 (with differentiation)	+	+
	RK-HPV14q-100	HPV 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68 (with differentiation)	+	+
	RK-HPV6/11/44q-100	HPV 6, 11 and 44 (with differentiation)	+	+
	RK-HPV16/18-100	HPV 16 and 18 (with differentiation)	—	+
	RK-HPV16/18q-100	HPV 16 and 18 (with differentiation)	+	+
	RK-HPV16/18/45-100	HPV 16, 18, 45 (with differentiation)	—	+

Category	Product code	Pathogen	Quantitative	Multiplex
TORCH infections	RK-ECH6-100	EBV, CMV and HHV-6 (with differentiation)	—	+
	RK-PVB19-100	Parvovirus B19	—	—
	RK-PVB19q-100	Parvovirus B19	+	—
	RK-RV-100	Rubella virus	—	—
	RK-VZV-100	Varicella zoster virus	—	—
	RK-TG-100	<i>Toxoplasma gondii</i>	—	—
Herpes viral infections	RK-CMV-100	Cytomegalovirus	—	—
	RK-CMVq-100	Cytomegalovirus	+	—
	RK-EBV-100	Epstein-Barr virus	—	—
	RK-EBVq-100	Epstein-Barr virus	+	—
	RK-HHV6-100	Human herpes virus 6	—	—
	RK-HHV6q-100	Human herpes virus 6	+	—
	RK-HSV-100	Herpes simplex virus 1 and 2 (without differentiation)	—	—
	RK-HSV1/2-100	Herpes simplex virus 1 and 2 (with differentiation)	—	+
HIV and viral hepatitis	RK-BCH-100	Hepatitis B virus, hepatitis C virus, HIV-1 and HIV-2 (with differentiation)	—	+
	RK-BD-100	Hepatitis B virus and hepatitis D virus (with differentiation)	—	+
	RK-HBV-100	Hepatitis B virus DNA	—	—
	RK-HBVq-100	Hepatitis B virus DNA	+	—
	RK-HBV(R)-100	Hepatitis B virus DNA + RNA	—	—
	RK-HBV(R)q-100	Hepatitis B virus DNA + RNA	+	—
	RK-HCV-100	Hepatitis C virus	—	—
	RK-HCVq-100	Hepatitis C virus	+	—
	RK-HDV-100	Hepatitis D virus	—	—
	RK-HDVq-100	Hepatitis D virus	+	—
	RK-HIV-100	HIV 1/2 virus	—	—
	RK-HIVq-100	HIV 1/2 virus	+	—
Respiratory infections	RK-C19-100	SARS-CoV-2	—	—
	RK-C19/Flu-100	SARS-CoV-2, influenza A virus and influenza B virus (with differentiation)	—	+
	RK-Flu-100	Influenza A virus and influenza B virus (with differentiation)	—	+
	RK-C19/Flu/RSV-100	SARS-CoV-2, influenza A/B virus and Respiratory syncytial viruses (with differentiation)	—	+
	RK-ABP-100	<i>Mycoplasma pneumoniae</i> and <i>Chlamydomphila pneumoniae</i>	—	+
	RK-MTB-100	<i>Mycobacterium bovis</i> , <i>Mycobacterium tuberculosis</i> , <i>Mycobacterium bovis</i> BCG, <i>Mycobacterium africanum</i> and <i>Mycobacterium microti</i>	—	—
	RK-Flu/RSV-100	Influenza A/B virus and Respiratory syncytial viruses (with differentiation)	—	+
Tick-borne infections	RK-BRS-100	<i>Borrelia burgdorferi</i> sensu lato (<i>B. burgdorferi</i> sensu stricto, <i>B. garinii</i> , <i>B. afzelii</i>)	—	—
	RK-APH-100	<i>Anaplasma phagocytophilum</i>	—	—

Product code	Product name	Sample type	Technology
RKI-PMS-E-100	PuriMag S Total DNA/RNA Isolation kit	Swabs, scrapes, smears, urine etc.	Magnetic beads
RKI-PSS-100	PuriSpin S Total DNA/RNA Isolation kit	Swabs, scrapes, smears, urine etc.	Spin columns
RKI-PMP-E-100	PuriMag P Total DNA/RNA Isolation kit	Blood plasma, serum etc; low-copy samples of mucosal swabs, scrapes, smears, urine etc.	Magnetic beads
RKI-PMH-E-100	PuriMag H Total DNA/RNA Isolation kit	Low-copy samples of blood plasma, serum etc.	Magnetic beads
RKI-PP-100	PuriPrep Total DNA/RNA Isolation kit	Mucosal swabs (incl. low-copy), blood plasma/serum (incl. low-copy)	Co-precipitation