



MOLECULAR DIAGNOSTICS

# PRODUCT CATALOGUE 2023

Oncology | Infectious Disease | Human Genetics

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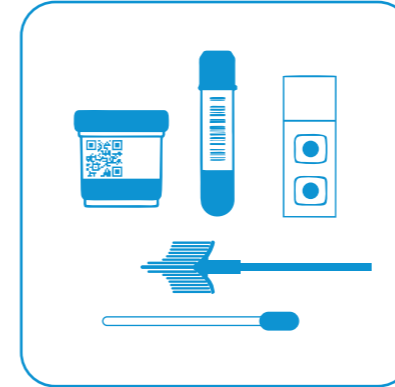
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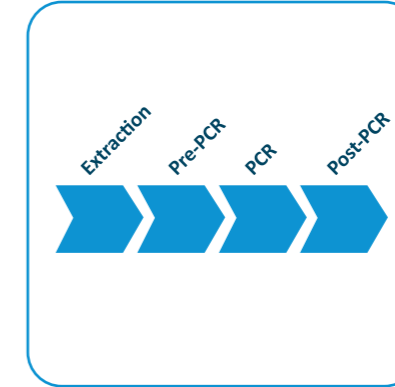
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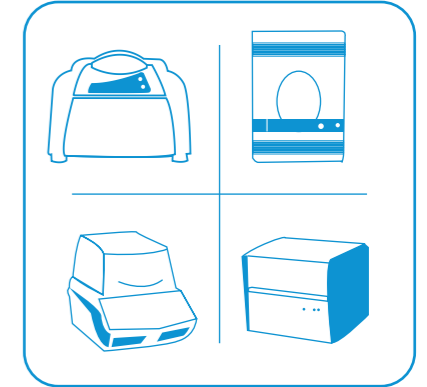
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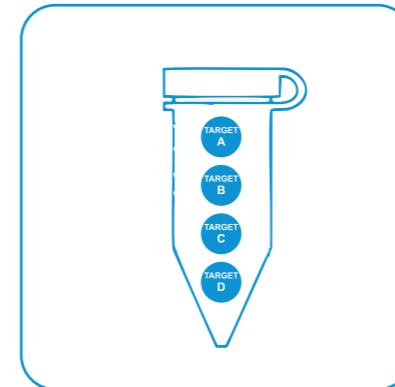
Extensively validated on a wide variety of clinical specimens



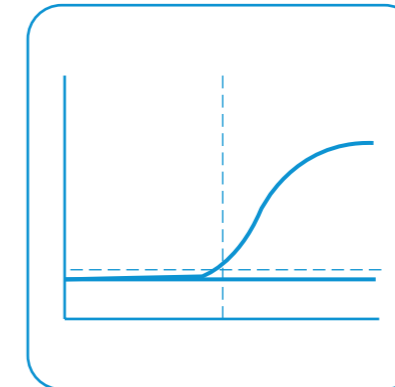
Entire molecular workflow solutions



Platform agnostic



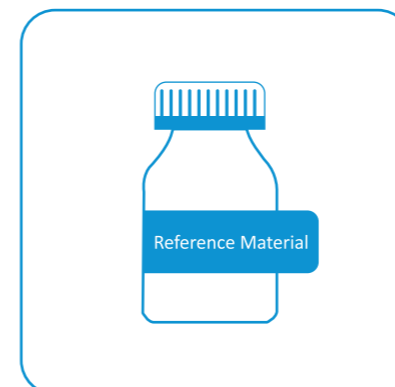
Multiplex panel and singleplex assays



Reliable results with endogenous internal control



Complementary software analysis tool



Aligned with certified reference materials



All inclusive kits



Quick turnaround time

## INFECTIOUS DISEASES

Panels	Description	Cat. No.	Pack sizes
	<b>TRUPCR® Flu Panel with RSV Detection Kit</b> <span>CE IVD</span>	3B221	48
	Qualitative detection & differentiation of Influenza A viruses, Influenza B viruses, Pandemic H1 Influenza virus, H3N2 Influenza virus, Human respiratory syncytial virus (A/B) and Human RNase P gene (IC) on Real-Time PCR	3B222	96
	<b>TRUPCR® Flu Panel with RSV Detection Kit</b> <span>CE IVD</span>	3B221-C	48
	Qualitative detection & differentiation of Influenza A viruses, Influenza B viruses, Pandemic H1 Influenza virus, H3N2 Influenza virus, Human respiratory syncytial (A/B) & Human RNase P gene (IC) on Real-Time PCR (Single Tube Format)	3B222-C	96
	<b>TRUPCR® Influenza Panel Kit / TRUPCR® H1N1/ H3N2 with Inf-B Virus Detection Kit</b> <span>CE IVD</span>	3B244	48
	Qualitative detection & differentiation of Influenza A viruses, Influenza B viruses, Pandemic H1 Influenza virus, H3N2 Influenza virus and Human RNase P gene (IC) on Real-Time PCR	3B243	96
	<b>TRUPCR® NAAT Kit (RUO)</b>	3B251	48
	Qualitative detection & differentiation of HIV1/2, HBV & HCV (NAAT) on Real-Time PCR	3B252	96
	<b>TRUPCR® Neuro Panel Kit</b> <span>CE IVD</span>	3B240	48
	Qualitative detection & differentiation of Enterovirus, Epstein-Barr virus, Herpes simplex virus 1 & 2, Human adenovirus, Human Cytomegalovirus, Human Herpesvirus 6 & 7, Human Parechovirus, Human parvovirus B19 & Varicella zoster virus on Real-Time PCR	3B239	96
	<b>TRUPCR® Respiratory Bacterial Pathogen Panel Kit</b> <span>CE IVD</span>	3B287-B	48
	Qualitative detection & differentiation of <i>Staphylococcus aureus</i> , <i>Streptococcus pneumoniae</i> , <i>Klebsiella pneumoniae</i> , <i>Mycoplasma pneumoniae</i> , <i>Salmonella spp.</i> , <i>Streptococcus pyogenes</i> , <i>Bordetella spp.</i> , <i>Chlamydia pneumoniae</i> , <i>Streptococcus agalactiae</i> , <i>Acinetobacter baumannii</i> , <i>Pseudomonas aeruginosa</i> , <i>Legionella pneumophila</i> , <i>Haemophilus influenzae A-F</i> and <i>Moraxella catarrhalis</i> . on Real-Time PCR	3B288-B	96
	<b>TRUPCR® Respiratory Viral Pathogen Panel Kit</b> <span>CE IVD</span>	3B287-V	48
	Qualitative detection & differentiation of Human Parechovirus, Human Coronavirus (alpha and beta), Human parainfluenza 1-4, Influenza A virus, Enterovirus, Influenza A (H3N2) virus, Human metapneumovirus (A/B), Pandemic H1 influenza virus, Influenza B virus, Influenza C virus, Human adenovirus, Human respiratory syncytial virus (A/B), Human rhinovirus and Human bocavirus on Real-Time PCR	3B288-V	96
	<b>TRUPCR® Respiratory Pathogen Panel Kit</b> <span>CE IVD</span>	3B287	48
	Qualitative detection & differentiation of <i>Staphylococcus aureus</i> , <i>Streptococcus pneumoniae</i> , <i>Klebsiella pneumoniae</i> , <i>Mycoplasma pneumoniae</i> , <i>Salmonella spp.</i> , <i>Streptococcus pyogenes</i> , <i>Bordetella spp.</i> , <i>Chlamydia pneumoniae</i> , <i>Streptococcus agalactiae</i> , <i>Acinetobacter baumannii</i> , <i>Pseudomonas aeruginosa</i> , <i>Legionella pneumophila</i> , <i>Haemophilus influenzae A-F</i> , <i>Moraxella catarrhalis</i> , Human Parechovirus, Human Coronavirus (alpha and beta), Human parainfluenza 1-4, Influenza A virus, Enterovirus, Influenza A (H3N2) virus, Human metapneumovirus (A/B), Pandemic H1 influenza virus, Influenza B virus, Influenza C virus, Human adenovirus, Human respiratory syncytial virus (A/B), Human rhinovirus and Human bocavirus on Real-Time PCR	3B288	96
	<b>TRUPCR® STD Panel Kit</b> <span>CE IVD</span>	3B291	48
	Qualitative detection & differentiation of <i>Chlamydia trachomatis</i> , <i>Neisseria gonorrhoeae</i> , <i>Mycoplasma genitalium</i> , <i>Herpes simplex viruses 1 &amp; 2</i> , <i>Gardnerella vaginalis</i> , <i>Ureaplasma urealyticum/parvum</i> & <i>Trichomonas vaginalis</i> on Real-Time PCR	3B292	96
	<b>TRUPCR Transplant Panel Kit</b> <span>CE IVD</span>	3B367	48
	Qualitative detection and differentiation of Cytomegalovirus, BKV, Epstein-Barr virus, Herpes simplex virus 1 & 2, Varicella zoster virus & Human parvovirus B19 on Real-Time PCR	3B368	96
	<b>TRUPCR® TORCH Panel Kit</b> <span>CE IVD</span>	3B1271	48
	Qualitative detection & differentiation of <i>Toxoplasma gondii</i> , Rubella virus, Cytomegalovirus and Herpes simplex virus 1 & 2 on Real-Time PCR	3B1272	96
	<b>TRUPCR® Tropical Fever Panel</b> <span>CE IVD</span>	3B250	48
	Qualitative detection & differentiation of Dengue virus, Chikungunya virus, <i>Salmonella spp.</i> , West Nile virus, <i>Plasmodium spp.</i> , <i>Rickettsia spp.</i> (including <i>Orientia tsutsugamushi</i> ), <i>Leptospira spp.</i> and ZIKA virus on Real-Time PCR	3B299	96
	<b>TRUPCR® UTI ID Panel Kit</b> <span>CE IVD</span>	3B319	48
	Qualitative detection & differentiation of <i>Enterococcus faecalis</i> , <i>Klebsiella oxytoca</i> , <i>Escherichia coli</i> , <i>Acinetobacter baumannii</i> , <i>Streptococcus agalactiae</i> , <i>Klebsiella pneumoniae</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus faecium</i> , <i>Proteus mirabilis</i> , <i>Streptococcus pneumoniae</i> , <i>Candida albicans</i> , <i>Staphylococcus saprophyticus</i> , <i>Morganella morganii</i> and <i>Pseudomonas aeruginosa</i> on Real-Time PCR	3B320	96

## INFECTIOUS DISEASES

Panels	Description	Cat. No.	Pack sizes	
	<b>TRUPCR® Gastrointestinal Panel I Kit</b> <span>CE IVD</span>	3B379	48	
	Qualitative detection & differentiation of <i>Salmonella spp.</i> , <i>Shigella spp.</i> , <i>Campylobacter spp.</i> , Verotoxin producing <i>E. coli</i> in clinical samples	3B380	96	
	<b>TRUPCR® Gastrointestinal Panel I with E. coli O157 Kit (RUO)</b>	3B403	48	
	Qualitative detection & differentiation of <i>Salmonella spp.</i> , <i>Shigella spp.</i> , <i>Campylobacter spp.</i> , Verotoxin producing <i>E. coli</i> and <i>E. coli</i> O157 in clinical samples	3B404	96	
<b>Individual Markers</b>		<b>Cat. No.</b>	<b>Pack sizes</b>	
BK Virus	<b>TRUPCR® BKV Viral Load Kit</b> <span>CE IVD</span>	Quantitative detection of BK virus on Real-Time PCR	3B264	48
			3B265	96
Chikungunya	<b>TRUPCR® Chikungunya Virus Detection Kit</b> <span>CE IVD</span>	Qualitative detection of Chikungunya virus on Real-Time PCR	3B1240	48
			3B1241	96
CMV QT	<b>TRUPCR® CMV Viral Load Kit</b> <span>CE IVD</span>	Quantitative detection of Cytomegalovirus on Real-Time PCR	3B1215	48
			3B1216	96
COVID-19 (SARS-CoV-2)	<b>TRUPCR® SARS-CoV-2 RT qPCR Kit</b> <span>CE IVD</span>	Qualitative detection of SARS-CoV-2 (COVID-19) on Real-Time PCR (Single Tube Format)	3B304	100
CT/NG	<b>TRUPCR® CT/NG Detection Kit</b> <span>CE IVD</span>	Qualitative detection and differentiation of <i>Chlamydia trachomatis</i> (CT) and <i>Neisseria gonorrhoeae</i> (NG) on Real-Time PCR	3B281	48
			3B282	96
Dengue	<b>TRUPCR® Dengue Detection Kit</b> <span>CE IVD</span>	Qualitative detection of Dengue virus on Real-Time PCR	3B266	48
			3B267	96
Dengue & Chikungunya	<b>TRUPCR® Dengue/Chikungunya Detection Kit</b> <span>CE IVD</span>	Qualitative detection and differentiation of Dengue virus & Chikungunya virus on Real-Time PCR	3B262	48
			3B263	96
Dengue, Chikungunya & Malaria	<b>TRUPCR® Dengue, Chikungunya &amp; Malaria Detection Kit</b> <span>CE IVD</span>	Qualitative detection and differentiation of Dengue virus, Chikungunya virus & <i>Plasmodium spp.</i> on Real-Time PCR	3B235	48
			3B236	96
EBV	<b>TRUPCR® EBV Real-Time PCR Detection Kit</b> <span>CE IVD</span>	Qualitative detection of Epstein-Barr virus on Real-Time PCR	3B283	48
			3B295	96
H1N1	<b>TRUPCR® H1N1 Detection Kit (CDC Protocol)</b> <span>CE IVD</span>	Qualitative detection & differentiation of Type A Influenza viruses, Pandemic Influenza A viruses, Pandemic H1 Influenza virus and Human RNase P gene (IC) on Real-Time PCR	3B1244	48
			3B1245	96
HBV QT	<b>TRUPCR® HBV Viral Load Kit (RUO)</b>	Quantitative detection of Hepatitis B virus on Real-Time PCR	3B341	24
			3B293	48
			3B294	96
HCV QT	<b>TRUPCR® HCV Viral Load Kit (RUO)</b>	Quantitative detection of Hepatitis C virus on Real-Time PCR	3B342	24
			3B296	48
			3B297	96

## INFECTIOUS DISEASES

Individual Markers	Description	Cat. No.	Pack sizes
HCV Detection & Genotyping	<b>TRUPCR® HCV Detection and Genotyping Kit (RUO)</b> Qualitative detection of Hepatitis C viruses along with differentiation of genotypes 1 to 6 on Real-Time PCR	3B253	48
		3B254	96
HIV 1 QT	<b>TRUPCR® HIV1 Viral Load Kit (RUO)</b> Quantitative detection of Human Immunodeficiency virus 1 on Real-Time PCR	3B257	48
		3B258	96
HIV 1 & 2	<b>TRUPCR® HIV1 &amp; 2 Detection Kit (RUO)</b> Qualitative detection and differentiation of Human Immunodeficiency virus 1 & 2 on Real-Time PCR	3B259	48
		3B260	96
HPV HR 16 & 18	<b>TRUPCR® HPV 16 &amp; 18 Detection Kit</b> <span>CE IVD</span> Qualitative detection & differentiation of genotypes 16 & 18 of Human papilloma viruses (HPV) on Real-Time PCR	3B1276	48
		3B1277	96
HPV HR Genotyping	<b>TRUPCR® HPV HR Genotyping Kit</b> <span>CE IVD</span> Qualitative detection & genotyping of 14 High Risk Human papillomaviruses (HPV) on Real-Time PCR	3B1423	48
		3B1424	96
HSV	<b>TRUPCR® HSV1/2 Detection Kit</b> <span>CE IVD</span> Qualitative detection & differentiation of Herpes simplex virus 1 & 2 on Real-Time PCR	3B1217	48
		3B1218	96
Human Parvovirus B19 QT	<b>TRUPCR® Human Parvovirus B19 Viral Load Kit</b> <span>CE IVD</span> Quantitative detection of Human Parvovirus B19 on Real-Time PCR	3B1219	48
		3B1220	96
Leptospira	<b>TRUPCR® Leptospira Detection Kit</b> <span>CE IVD</span> Qualitative detection of <i>Leptospira spp.</i> on Real-Time PCR	3B249	48
		3B230	96
Malaria	<b>TRUPCR® Malaria Detection Kit</b> <span>CE IVD</span> Qualitative detection of <i>Plasmodium spp.</i> on Real-Time PCR	3B255	48
		3B256	96
MTB	<b>TRUPCR® MTB Kit (Nested single step Real-Time PCR)</b> <span>CE IVD</span> Qualitative detection of <i>Mycobacterium tuberculosis</i> Complex (MTBC) in pulmonary and extrapulmonary clinical specimens on Single Step Nested Real-Time PCR	3B277	48
		3B278	96
MTBC/NTM	<b>TRUPCR® MTBC/NTM Detection Kit</b> <span>CE IVD</span> Qualitative detection and differentiation of <i>Mycobacterium tuberculosis</i> Complex & Nontuberculous Mycobacteria in pulmonary and extrapulmonary clinical specimens on Single Step Nested Real-Time PCR	3B268	48
		3B269	96
Neisseria gonorrhoeae	<b>TRUPCR® Neisseria gonorrhoeae Detection Kit</b> <span>CE IVD</span> Qualitative detection of <i>Neisseria gonorrhoeae</i> on Real-Time PCR	3B285	48
		3B286	96
Salmonella	<b>TRUPCR® Salmonella enteritidis Detection Kit</b> <span>CE IVD</span> Qualitative detection of <i>Salmonella enteritidis</i> on Real-Time PCR	3B284	48
		3B298	96

## INFECTIOUS DISEASES

Individual Markers	Description	Cat. No.	Pack sizes
Orientia tsutsugamushi (Scrub Typhus)	<b>TRUPCR® Scrub Typhus Detection Kit</b> <span>CE IVD</span> Qualitative detection of <i>Orientia tsutsugamushi</i> (Scrub Typhus) on Real-Time PCR	3B349	48
		3B350	96
Toxoplasma	<b>TRUPCR® Toxoplasma Detection Kit</b> <span>CE IVD</span> Qualitative detection of <i>Toxoplasma gondii</i> on Real-Time PCR	3B279	48
		3B280	96
Zika Virus	<b>TRUPCR® Zika Virus Detection Kit</b> <span>CE IVD</span> Qualitative detection of Zika Virus on Real-Time PCR	3B1242	48
		3B1243	96
C. difficile	<b>TRUPCR® Clostridium difficile Detection Kit</b> <span>CE IVD</span> Qualitative detection of <i>Clostridium difficile</i> including toxin A ( <i>TcdA</i> ), toxin B ( <i>TcdB</i> ) and binary toxins gene ( <i>cdtA</i> and <i>cdtB</i> ) from clinical samples on Real-Time PCR	3B375	48
		3B376	96

## ANTI-MICROBIAL RESISTANCE KITS

Panels	Description	Cat. No.	Pack sizes
AST	<b>TRUPCR AST Panel Kit</b> <span>CE IVD</span> Qualitative detection and differentiation of antimicrobial resistance genes associated with the non-susceptibility to antibiotics: Trimethoprim/Sulfamethoxazole (SXT- <i>dhfrA1</i> , <i>dhfrA5</i> , <i>Sul2</i> ), extended-spectrum beta-lactams (ESBLs – <i>blaCTX-M gr1</i> , <i>blaTEM</i> , <i>staSHV</i> ), Carbapenems ( <i>blaKPC</i> , <i>blaNDM</i> , <i>blaVIM</i> , <i>blaOXA48</i> , and <i>blaIMP</i> ), Vancomycin ( <i>vanA</i> , <i>vanB</i> ) and Methicillin ( <i>mecA</i> ) on Real-Time PCR	3B361	48
		3B362	96
Carbapenem Resistance	<b>TRUPCR® Carbapenem Resistance Detection Kit</b> <span>CE IVD</span> Qualitative detection and differentiation of the <i>blaKPC</i> , <i>blaNDM</i> , <i>blaVIM</i> , <i>blaOXA-48</i> , and <i>blaIMP</i> gene sequences associated with carbapenem-non-susceptibility on bacteria on Real-Time PCR	3B289	48
		3B290	96
MRSA Detection	<b>TRUPCR® MRSA Detection Kit</b> <span>CE IVD</span> Qualitative detection of <i>Staphylococcus aureus</i> and its Methicillin-Resistant/Susceptible status on Real-Time PCR	3B1283	48
		3B1284	96
MDR-TB	<b>TRUPCR® Rifampicin Resistant MTB Detection Kit</b> <span>CE IVD</span> Qualitative detection of <i>Mycobacterium tuberculosis</i> Complex (MTBC) & identification of <i>rpoB</i> gene mutations in pulmonary and extrapulmonary clinical specimens on Real-Time PCR	3B1281	48
		3B1282	96
MDR-TB Comprehensive	<b>TRUPCR® Rifampicin &amp; Isoniazid Resistant MTB Detection Kit</b> <span>CE IVD</span> Qualitative detection of <i>Mycobacterium tuberculosis</i> Complex (MTBC) & identification of <i>rpoB</i> , <i>katG</i> and <i>inhA</i> gene mutations in pulmonary and extrapulmonary clinical specimens on Real-Time PCR	3B1280	48
		3B1275	96
UTI AST	<b>TRUPCR® UTI AST Panel Kit</b> <span>CE IVD</span> Qualitative detection & differentiation of antibiotic resistant genes: Trimethoprim/Sulfamethoxazole ( <i>sul2</i> , <i>dhfrA1</i> , <i>dhfrA5</i> ), ESBLs ( <i>blaCTX-M gr1</i> , <i>blaTEM</i> and <i>blaSHV</i> ), Carbapenems ( <i>blaKPC</i> , <i>blaVIM</i> , <i>blaOXA-48</i> and <i>blaIMP</i> ), Vancomycin ( <i>vanA</i> , <i>vanB</i> ) & Methicillin ( <i>mecA</i> ) for uropathogens on Real-Time PCR	3B343	48
		3B344	96
VRE	<b>TRUPCR VRE Detection Kit</b> <span>CE IVD</span> Qualitative detection & differentiation of <i>vanA</i> & <i>vanB</i> mediated Vancomycin non-susceptibility of <i>Enterococcus faecium</i> and <i>Enterococcus faecalis</i> on Real-Time PCR	3B373	48
		3B374	96

## ONCOLOGY

Panels	Cat. No.	Pack sizes
 <b>TRUPCR® Acute Leukaemia Panel</b> <span>CE IVD</span> Comprehensive mutation detection & differentiation of 18 Markers: BCR-ABL1 (Mμ), TEL-AML1, MLL-AF4, MLL-AF6, MLL-AF9, MLL-AF10, MLL-ENL, E2A-PBX1, PML-RARA (LSV), CBFB-MYH11, AML1-ETO, FLT3 (ITD/TKD (D835, I836)), NPM1 (A,B,D), C-KIT (D816V), DEK-CAN, SET-CAN, RBM15-MKL1, IDH1/2 on Real-Time PCR	3B1406	24
	3B1407	48
 <b>TRUPCR® ALL PCR Panel Kit</b> <span>CE IVD</span> Comprehensive mutation detection & differentiation of 8 Markers: BCR-ABL1 (Mμ), TEL-AML1, MLL-AF4, MLL-AF9, MLL-ENL, E2A-PBX1, MLL-AF6, MLL-AF10 on Real-Time PCR	3B1405	24
	3B1408	48
 <b>TRUPCR® AML Comprehensive PCR Panel</b> <span>CE IVD</span> Comprehensive mutation detection & differentiation of 10 Markers: BCR-ABL1 (Mμ), PML-RARA (LSV), AML1-ETO, CBFB-MYH11, FLT3 (ITD/TKD (D835, I836)), NPM1 (A,B,D), C-KIT (D816V), DEK-CAN, SET-CAN, RBM15-MKL1 on Real-Time PCR	3B1401	24
	3B1402	48
 <b>TRUPCR® Colorectal Mutation Panel Kit</b> <span>CE IVD</span> Comprehensive detection of mutations across KRAS, NRAS and BRAF on Real-Time PCR	3B1413	24
	3B1414	48
 <b>TRUPCR® Leukaemia Fusion Panel Kit</b> <span>CE IVD</span> Comprehensive mutation detection & differentiation of 14 Markers: BCR-ABL1 (Mμ), TEL-AML1, MLL-AF4, MLL-AF6, MLL-AF9, MLL-AF10, MLL-ENL, E2A-PBX1, PML-RARA (LSV), CBFB-MYH11, AML1-ETO, DEK-CAN, SET-CAN, RBM15-MKL1 on Real-Time PCR	3B1404	24
	3B1410	48
 <b>TRUPCR® Lung Cancer Mutation Panel Kit</b> <span>CE IVD</span> Comprehensive detection of mutations across EGFR, PIK3CA and ALK on Real-Time PCR	3B1411	24
	3B1412	48
 <b>TRUPCR® MPN Panel Kit</b> <span>CE IVD</span> Comprehensive mutation detection & differentiation of 4 Markers: BCR-ABL1, JAK2, CALR & MPL on Real-Time PCR	3B1303	24
	3B1304	48
 <b>TRUPCR® Paediatric Leukaemia Panel Kit</b> <span>CE IVD</span> Comprehensive detection of 18 Markers: ETV6-RUNX1 (TEL-AML1), E2A-PBX1, BCR-ABL1 (Mμ), MLL-AF4, MLL-AF6, MLL-AF9, MLL-AF10, P2RY8-CRLF2, TCF3-HLF, ETV6-ABL1, NUP214-ABL1, RCSD1-ABL1, PAX5-JAK2, TERF2-JAK2, BCR-JAK2, PAG1-ABL2, SSBP2-CSF1R, RCSD1-ABL2 on Real-Time PCR	3B1415	24
	3B1416	48

## ONCOLOGY

Individual Markers	Description	Cat. No.	Pack sizes
ALK	<b>TRUPCR® ALK Fusion Detection Kit</b> <span>CE IVD</span> Qualitative detection of 29 ALK fusion transcripts on Real-Time PCR	3B1343	24
		3B1344	48
BCR-ABL1 QL M	<b>TRUPCR® BCR-ABL1 Qualitative Kit – Major</b> <span>CE IVD</span> Qualitative detection of BCR-ABL1 Major (P210) transcript on Real-Time PCR	3B1201	48
		3B1202	96
BCR-ABL1 QL Mμ	<b>TRUPCR® BCR-ABL1 Qualitative Kit – Major &amp; Minor</b> <span>CE IVD</span> Qualitative detection of BCR-ABL1 Major (P210) & Minor (P190) transcripts on Real-Time PCR	3B1203	48
		3B1204	96
BCR-ABL1 QL Mμ	<b>TRUPCR® BCR-ABL1 Qualitative Kit – Major, Minor &amp; Micro</b> <span>CE IVD</span> Qualitative detection of BCR-ABL1 Major (P210), Minor (P190) & Micro (P230) transcripts on Real-Time PCR	3B1205	48
		3B1206	96
BCR-ABL1 QT M	<b>TRUPCR® BCR-ABL1 Quantitative Kit – Major (WHO IS)</b> <span>CE IVD</span> Quantitative detection of BCR-ABL1 Major (P210) transcript on IS scale for deep molecular response on Real-Time PCR	3B1251	48
		3B1252	96
BCR-ABL1 QT Mμ	<b>TRUPCR® BCR-ABL1 Quantitative Kit – Major (WHO IS) &amp; Minor</b> <span>CE IVD</span> Quantitative detection of BCR-ABL1 Major (P210) IS Scale & Minor (P190) transcripts for deep molecular response on Real-Time PCR	3B1253	48
		3B1254	96
BCR-ABL1 QT Mμ	<b>TRUPCR® BCR-ABL1 Quantitative Kit – Major (WHO IS), Minor &amp; Micro</b> <span>CE IVD</span> Quantitative detection of BCR-ABL1 Major (P210) IS Scale, Minor (P190) & Micro (P230) transcripts for deep molecular response on Real-Time PCR	3B1267	48
		3B1268	96
BCR-ABL1 QT m	<b>TRUPCR® BCR-ABL1 Minor Quantitative Kit</b> <span>CE IVD</span> Quantitative detection of BCR-ABL1 (P190) transcript on Real-Time PCR	3B1291	24
		3B1292	48
BCR-ABL1 M	<b>TRUPCR® BCR-ABL1 Micro Quantitative Kit</b> <span>CE IVD</span> Quantitative detection of BCR-ABL1 Micro (P230) transcript on Real-Time PCR	3B1263	24
		3B1264	48
BCR-ABL b2a2/b3a2	<b>TRUPCR® BCR-ABL1 b2a2/b3a2 Differentiation Kit</b> <span>CE IVD</span> Qualitative detection & differentiation of BCR-ABL1 b2a2 and b3a2 (P210) transcripts on Real-Time PCR	3B1250	24
		3B1256	48
BCR-ABL1 QT (EAC-DEL)	<b>TRUPCR® BCR-ABL1 (EAC-DEL) Quantitative Kit (RUO)</b> Quantitative detection of BCR-ABL1 Major (EAC-DEL) transcript which presents deletion in EAC design on Real-Time PCR	3B1251 A	24
BCR-ABL1 Transcript Screen	<b>TRUPCR® BCR-ABL1 Transcript Screening Kit</b> <span>CE IVD</span> Qualitative detection & differentiation of 12 different BCR-ABL1 transcript (e6a2, e6a3, e8a2, e8a3, e13a2, e13a3, e14a2, e14a3, e1a2, e1a3, e19a2 & e19a3) on Real-Time PCR	3B1239	48
		3B1238	96
C-KIT	<b>TRUPCR® C-KIT Mutation Detection Kit</b> <span>CE IVD</span> Qualitative detection of D816V mutation of C-KIT gene on Real-Time PCR	3B1341	24
		3B1342	48
BRAF	<b>TRUPCR BRAF Mutation Detection Kit</b> <span>CE IVD</span> Qualitative detection and differentiation of 7 mutations of Codon 600 of BRAF gene on Real-Time PCR	3B1287	24
		3B1288	48
CALR	<b>TRUPCR® CALR Mutation Detection Kit</b> <span>CE IVD</span> Qualitative detection & differentiation of Type 1 and Type 2 mutations in CALR gene on Real-Time PCR	3B1351	24
		3B1352	48






## ONCOLOGY

Individual Markers	Description	Cat. No.	Pack sizes
CXCR4	<b>TRUPCR® CXCR4 Mutation Detection Kit</b> <a href="#">CE IVD</a> Qualitative detection of S338X (c.1013C>G & c.1013C>A) mutations in CXCR4 gene on Real-Time PCR	3B1425	48
		3B1426	96
EGFR	<b>TRUPCR® EGFR Mutation Kit</b> <a href="#">CE IVD</a> Qualitative detection of 32 mutations across exons 18, 19, 20 & 21 of the EGFR gene on Real-Time PCR	3B1311	24
		3B1312	48
FLT3	<b>TRUPCR® FLT3 Mutation Detection Kit</b> <a href="#">CE IVD</a> Qualitative detection of TKD (D835, I836) and ITD mutations of the FLT3 gene on Real-Time PCR & Conventional PCR	3B1313	24
		3B1314	48
IDH1/2	<b>TRUPCR® IDH1/2 Mutation Detection Kit</b> <a href="#">CE IVD</a> Qualitative detection of IDH1 and IDH2 mutations on Real-Time PCR	3B1329	24
		3B1330	48
IDH1/2 Differentiation	<b>TRUPCR® IDH1/2 Detection &amp; Differentiation Kit</b> <a href="#">CE IVD</a> Qualitative detection & differentiation of IDH1 & IDH2 mutations on Real-Time PCR	3B1337	24
		3B1338	48
JAK2	<b>TRUPCR® JAK2 Mutation Detection Kit</b> <a href="#">CE IVD</a> Qualitative detection of V617F mutation of the JAK2 gene on Real-Time PCR	3B1246	24
		3B1247	48
JAK2 QT	<b>TRUPCR® JAK2 QT Kit (Allele Burden)</b> <a href="#">CE IVD</a> Quantitative detection of the JAK2 V617F mutation allele burden on Real-Time PCR	3B1248	24
		3B1249	48
		3B1249	48
KRAS	<b>TRUPCR® KRAS Qualitative Kit</b> <a href="#">CE IVD</a> Qualitative detection of 22 mutations across codons 12, 13, 59, 61, 117 & 146 of the KRAS gene on Real-Time PCR	3B1295	24
		3B1261	48
		3B1262	96
MGMT Methylation	<b>TRUPCR® MGMT Methylation Detection Kit</b> <a href="#">CE IVD</a> Qualitative detection of Promoter Methylation of MGMT gene on Real-Time PCR	3B1339	24
		3B1340	48
MPL	<b>TRUPCR® MPL Mutation Detection Kit</b> <a href="#">CE IVD</a> Qualitative detection & differentiation of W515K/ W515L /W515A /S505N mutations of MPL gene on Real-Time PCR	3B1305	48
		3B1306	96
MYD88	<b>TRUPCR® MYD88 Mutation Detection Kit</b> <a href="#">CE IVD</a> Qualitative detection of L265P mutation in MYD88 gene on Real-Time PCR	3B1427	48
		3B1428	96
NPM1	<b>TRUPCR® NPM1 Mutation Detection Kit</b> <a href="#">CE IVD</a> Qualitative detection of type A, B & D of NPM1 gene mutations on Real-Time PCR	3B1327	24
		3B1328	48
NPM1 QT	<b>TRUPCR® NPM1 Mutation Quantitative Kit</b> <a href="#">CE IVD</a> Quantitative detection of mutant allele burden of NPM1 gene in clinical samples on Real-Time PCR	3B325	24
		3B326	48
NRAS	<b>TRUPCR® NRAS Qualitative Kit</b> <a href="#">CE IVD</a> Qualitative detection of 24 mutations across codons 12, 13, 59, 61, 117 & 146 of NRAS gene on Real-Time PCR	3B1296	24
		3B1273	48
		3B1274	96

## ONCOLOGY

Individual Markers	Description	Cat. No.	Pack sizes
NUP214 (CAN) Rearrangements	<b>TRUPCR® NUP214 (CAN) Rearrangements Kit</b> <a href="#">CE IVD</a> Qualitative detection of DEK-NUP214 and SET-NUP214 transcripts on Real-Time PCR	3B1335	24
		3B1336	48
PIK3CA	<b>TRUPCR® PIK3CA Mutation Detection Kit</b> <a href="#">CE IVD</a> Qualitative detection of 13 mutations across exon 7, 9 and 20 of PIK3CA gene on Real-Time PCR	3B1345	24
		3B1346	48
PML-RARA QL	<b>TRUPCR® PML-RARA Qualitative Kit (BCR1, BCR2 &amp; BCR3)</b> <a href="#">CE IVD</a> Qualitative detection & differentiation of BCR1, BCR2 & BCR3 transcripts of PML-RARA on Real-Time PCR	3B1297	24
		3B1258	48
		3B1255	96
PML-RARA QT	<b>TRUPCR® PML-RARA Quantitative Kit (BCR1, BCR2 &amp; BCR3)</b> <a href="#">CE IVD</a> Detection, differentiation and quantification of BCR1, BCR2 & BCR3 transcripts of PML-RARA on Real-Time PCR	3B1259	24
		3B1260	48
RBL15-MKL1	<b>TRUPCR® RBM15-MKL1 Fusion Detection Kit</b> <a href="#">CE IVD</a> Qualitative detection of RBL15-MKL1 fusion transcript on Real-Time PCR	3B1333	24
		3B1334	48
ROS1	<b>TRUPCR® ROS1 Fusion Detection Kit</b> <a href="#">CE IVD</a> Qualitative detection of 14 gene fusions of ROS1 gene on Real-Time PCR	3B1349	24
		3B1350	48
EGFRvIII	<b>TRUPCR® EGFRvIII Detection Kit</b> <a href="#">CE IVD</a> Qualitative detection of the EGFRvIII mutations of EGFR gene on Real-Time PCR	3B1347	24
		3B1348	48
DPYD	<b>TRUPCR® DPYD Mutation Detection Kit</b> <a href="#">CE IVD</a> Qualitative detection of clinically relevant SNPs (rs3918290, rs55886062), rs67376798, rs75017182) in dihydropyrimidine dehydrogenase (DPYD) gene	3B1429	48
		3B1430	96

## HUMAN GENETICS

Panels	Description	Cat. No.	Pack sizes
Factor V	<b>TRUPCR® Factor V Leiden Mutation (G1691A) Detection Kit</b>  Qualitative detection of Factor V Leiden Mutation (G1691A) on Real-Time PCR	3B1301	48
		3B1302	96
Factor II	<b>TRUPCR® Factor II Prothrombin Mutation (G20210A) Detection Kit</b>  Qualitative detection of Factor II Prothrombin Mutation (G20210A) on Real-Time PCR	3B1321	48
		3B1322	96
MTHFR	<b>TRUPCR® MTHFR Mutation Detection Kit</b>  Qualitative detection and differentiation of MTHFR (C677T) and MTHFR (A1298C) mutations on Real-Time PCR	3B1331	48
		3B1332	96
Coagulation/ Thrombophilia Panel	<b>TRUPCR® Coagulation/ Thrombophilia Panel Kit</b>  Comprehensive detection & differentiation of Mutations on 3 genetic Markers: Factor V, Factor II & MTHFR on Real-Time PCR	3B1400	24
		3B1399	48
HLA-B27	<b>TRUPCR® HLA-B27 Kit</b>  Comprehensive detection of HLA-B27 alleles on Real-Time PCR	3B247	48
		3B248	96

## EXTRACTION KITS

Individual Markers	Description	Cat. No.	Pack sizes
Blood DNA	<b>TRUPCR® Blood DNA Extraction Kit</b>  To be used for DNA-based testing from blood samples Examples: JAK2, CALR, MPL, FLT-3, C-KIT, Malaria, HLA etc.	3B205	50
		3B206	100
DNA Methylation	<b>TRUPCR® BS DNA Extraction Kit (For Extraction of Methylated DNA)</b>  To be used for extraction of Methylated DNA. Example: MGMT	3B215	50
Blood RNA	<b>TRUPCR® Blood RNA Extraction Kit</b>  To be used for RNA-based testing from blood samples Examples: BCR-ABL1, PML-RARA, AML-ETO, CBFβ-MYH11 etc.	3B1200	50
Bacterial/Fungal DNA Isolation	<b>TRUPCR® Bacterial/Fungal DNA Extraction Kit</b>  To be used for extraction of genomic DNA from: urine samples Examples: UTI ID and UTI AST etc.	3B345	50
		3B346	100
FFPE Tissue DNA	<b>TRUPCR® FFPE Tissue DNA Extraction Kit</b>  To be used for DNA-based testing from FFPE tissue samples Examples: EGFR, KRAS, BRAF, NRAS, PIK3CA etc.	3B207F	50
MTB/NTM DNA	<b>TRUPCR® MTB Extraction Kit</b>  To be used for <i>Mycobacterium spp.</i> DNA testing from multiple sample types Examples: MTB, MTB/NTM, MDR-TB etc.	3B268E	50
Panel Extraction	<b>TRUPCR® Panel Extraction Kit</b>  To be used for genomic DNA and total RNA extraction for multi-gene panel testing Examples: AML, ALL, MPN etc.	3B1401E	50
Tissue DNA	<b>TRUPCR® Tissue DNA Extraction Kit</b>  To be used for DNA-based testing from tissue samples Examples: HPV16/18, HPV HR, CT/NG etc.	3B207	50
Total Nucleic Acid	<b>TRUPCR® Total Nucleic Acid Extraction Kit</b>  To be used for Total Nucleic Acid testing from samples like plasma, serum, respiratory specimens, VTM and urine Examples: HBV, HCV, HIV1, HCV Genotyping, CMV, HSV1/2, EBV, BKV, Dengue, ChikV, NAAT, Mucormycosis (Black Fungus), Respiratory Panel, STD Panel, Gastrointestinal Panel	3B347	50
		3B348	100
Total Viral Nucleic Acid	<b>TRUPCR® Total Viral Nucleic Acid Extraction Kit (500µl)</b>  To be used for Total Nucleic Acid testing from samples like serum or plasma Examples: HBV, HCV, HIV1, HIV1/2, HCV Genotyping, CMV, HSV1/2, EBV, BKV, Dengue, ChikV, NAAT, Mucormycosis (Black Fungus), Respiratory Panel, STD Panel etc.	3B213	50
Total Viral Nucleic Acid	<b>TRUPCR® Total Viral Nucleic Acid Extraction Kit (200µl)</b>  To be used for viral nucleic acid testing from samples like serum or plasma Examples: HSV 1/2, EBV, BKV, Dengue, ChikV etc.	3B357	50
		3B358	100
Viral RNA	<b>TRUPCR® Viral RNA Extraction Kit</b>  To be used for viral RNA extraction from multiple sample types Examples: H1N1, Dengue virus, ChikV, COVID-19 etc.	3B213V	50
		3B214V	100

## MAGBEAD EXTRACTION KITS

Individual Markers	Description	Cat. No.	Pack sizes
Blood DNA	<b>TRUPCR® Magbead Blood DNA Extraction Kit</b>	3B333	50
		3B433	100
Blood RNA	<b>TRUPCR® Magbead Blood RNA Extraction Kit</b>	3B338	50
		3B438	100
FFPE Tissue DNA	<b>TRUPCR® Magbead FFPE Tissue DNA Extraction Kit</b>	3B335	50
		3B435	100
MTB/NTM DNA	<b>TRUPCR® Magbead MTB/NTM DNA Extraction Kit</b>	3B337	50
		3B437	100
Tissue DNA	<b>TRUPCR® Magbead Tissue DNA Extraction Kit</b>	3B334	50
		3B434	100
Total Nucleic Acid	<b>TRUPCR® Magbead Total Nucleic Acid Extraction Kit</b>	3B339	50
		3B340	100
Total Viral Nucleic Acid	<b>TRUPCR® Magbead Total Viral Nucleic Acid Extraction Kit</b>	3B336	50
		3B436	100
Viral RNA	<b>TRUPCR® Magbead Viral RNA Extraction Kit</b>	3B213B	50
		3B214B	100

## SAMPLE MANAGEMENT

Individual Markers	Description	Cat. No.	Pack sizes
VTM	<b>TRUPCR® Viral Transport Medium Kit</b> Viral Transport Kit	3B305	100

## NGS

Individual Markers	Description	Cat. No.	Pack sizes
NGS	TRUNGS® Solid Tumor Panel	3BNGS 001-16	16
		3BNGS 001-32	32
		3BNGS 001-48	48

## TRUNGS® SOLID TUMOR PANEL

**A comprehensive Solid Tumor Assay detecting SNVs, Indels, CNVs and RNA Fusions in 35 Marker Genes and Hotspots in 6 PGx Genes**

TRUNGS® Solid Tumor Panel is designed to detect SNVs, Indels, CNVs and RNA fusions in 35 marker genes and hotspots in 6 pharmacogenomics genes associated with solid tumors such as lung, gastro-intestinal/colorectal, breast, liver and ovarian tumors.

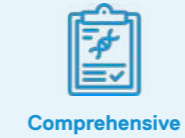
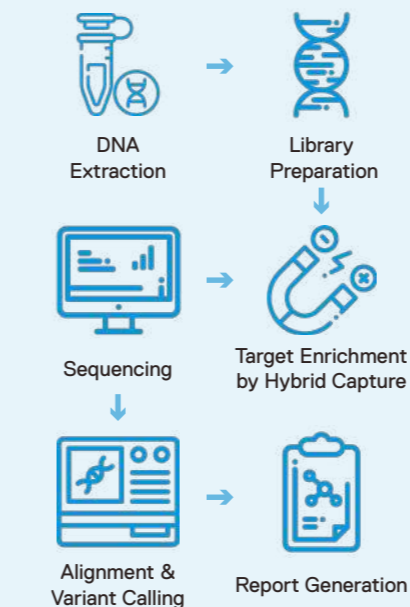
### GENE PANEL

ALK, BRAF, EGFR, ERBB2, ERBB3, ESR1, FGFR3, HRAS, IDH1, IDH2, KIT, KRAS, MET, MLH1, MSH2, MSH6, NRAS, NTRK1, NTRK2, NTRK3, PDGFRA, PIK3CA, PMS2, POLD1, POLE, PTEN, RET, ROS1, SMAD4, TP53, CTNNB1, TERT, H3F3A, H3F3B, DICER1

### SPECIFICATIONS

**Starting Material:** 50-100 ng of DNA, 300-600 ng RNA  
**Sample source:** FFPE, Fresh-Frozen Tissue  
**Target region for DNA Panel:** 117 kb  
**Target region for RNA Panel:** 74 kb  
**Library preparation time:** 1.5 days  
**Bioinformatics Analysis:** 1.5 hrs (from FASTQ to report)

### NGS WORKFLOW



Comprehensive



Bioinformatics Support



Platform Agnostic

### PANEL DESIGN

ALK	BRAF	CTNNB1	DICER1	EGFR	ERBB2
ERBB3	ESR1	FGFR3	H3F3A	H3F3B	HRAS
IDH1	IDH2	KIT	KRAS	MET	MLH1
MSH2	MSH6	NRAS	NTRK1	NTRK2	NTRK3
PDGFRA	PIK3CA	PMS2	POLD1	POLE	PTEN
RET	ROS1	SMAD4	TERT	TP53	

◆ SNVs/Indels ● Fusions ■ CNV

### PGX HOTSPOT MUTATIONS

UGT1A1: (rs4148323)	CYP2D6: (rs5030655)	MTHFR: (rs1801133)
TPMT: (rs1142345, rs1800460)	CYP2C9: (rs1799853, rs1057910)	
DPYD: (rs3918290, rs67376798, rs55886062, rs115232898, rs75017182)		

**TRUNGS® Solid Tumor Panel is carefully curated panel of 35 genes with Clinical Actionability (AACR) mutations especially relevant to lung and colorectal cancers.**

- ✓ Designed as per NCCN and ESMO Guidelines
- ✓ Detects SNV/INDELS, CNV and RNA Fusions
- ✓ Uses of Hybrid Capture technology to ensure full coverage of all exonic regions of each gene and allows for the discovery of novel mutations /alterations
- ✓ Includes hotspot for six clinically relevant pharmacogenomics genes: DPYD, UGT1A1, CYP2D6, MTHFR, TPMT and CYP2C9
- ✓ LoD as low as 3.5% (calculated for SNV using reference material at 500X)

Sensitivity	100%	Accuracy	100%
Reproducibility	99.99	Precision	100%
Repeatability	100%	Coverage uniformity	98%

### SEQUENCING AND SAMPLE MULTIPLEXING

Illumina Flowcell	No. of Samples Recommended/Run
iSeq 100	8
MiSeq Reagent Kit v2	32
MiSeq Reagent Kit v2 Micro	8
MiniSeq System Mid-Output Kit	14





# TRUPCR<sup>®</sup>

EUROPE

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