

Fast Track Diagnostics (FTD) kits are compatible with many of the most widely available instruments used in laboratories today (sample-to-results platforms, real-time PCR cyclers and automated/manual extraction methods). Please refer to the User Manual for each specific assay for a list of validated instruments.

More instruments are being added regularly, so please contact FTD customer support for the most current list of instruments.

Please note:

- » FTD is not the legal manufacturer of the systems listed below and therefore does not take responsibility for the performance of the instruments.
- » Please contact the FTD support team (support@fast-trackdiagnostics.com) for further updates on instruments not listed.

Real-time cycler	
Cycler	Remarks
VERSANT® kPCR AD module**	/
Applied Biosystems 7500 (Thermo Fisher Scientific)	FTD reference real-time cycler: complete process can be found in FTD product manuals
Applied Biosystems 7500 fast (Thermo Fisher Scientific)	Use in standard mode only
Applied Biosystems ViiA™7 (Thermo Fisher Scientific)	Use in standard mode only
Rotor-Gene 3000 (Qiagen)	Turn off gain optimization, all gains on 5
Rotor-Gene 6000 (Qiagen)	Turn off gain optimization, all gains on 5
Rotor-Gene Q (Qiagen)	Turn off gain optimization, all gains on 5
LightCycler® 480 (Roche)	FTD color compensation needs to be run first (ref.: FTD-CC.x-BULK // free of charge)
CFX96™ (Bio-Rad)	/
DX (Bio-Rad™)	Use the CFX software
SmartCycler® (Cepheid)	Use the Life science software 2.0d; NO DX software
qTOWER³ (Analytik Jena)	Please refer to the validation report for all compatible kits
	For all other FTD kits a specific in-house validation is needed and FTD can supply a short validation protocol
	Specific in-house validation needed to gain the optimal color module. FTD color compensation needs to be run first (free of charge // ref.: FTD-CC.x-BULK)
QuantStudio 5™ (Thermo Fisher Scientific)	Use in standard mode only
Mic (Bio Molecular Systems)	/

To consult set-up documents please check FTD website > Resources

FTIyo kits: for usage of plastics (high/low profile tubes) please refer to the particular kit manual, FTD website > Products

* Product availability may vary from country to country and is subject to varying regulatory requirements. Please contact your local representative for availability.

† CE marked for IVD use.

Extraction		
Extraction		Remarks
VERSANT® kPCR Molecular System SP^{††}	A	/
NucliSENS® easyMAG® (bioMérieux)	A	FTD reference extraction method: complete process can be found in FTD product manuals
RTP® Pathogen Kit (STRATEC Biomedical AG)	M	/
RTP® Bacteria DNA Mini Kit (STRATEC Biomedical AG)	M	/
Duplica® Prep (EuroClone®)	A	Duplica NA Body fluid Kit
Maxwell® (Promega)	A	Maxwell®16 Tissue LEV Total and Maxwell®16 Buccal Swab LEV 2µl IC needs to be stabilized in 48µl lysis buffer before adding to sample
QIAamp DNA Stool Mini Kit (Qiagen)	M	/
QIAamp MiniElute Virus spin (Qiagen)	M	/
QIAamp Viral RNA Mini (Qiagen)	M	/
MagMax™ (Thermo Fisher Scientific)	A	Viral RNA isolation kit
QIAasymphony® SP instrument (Qiagen)	A	QIAasymphony® DSP Virus/ Pathogen Midi kit and the QIAasymphony® DSP DNA Mini kit
Arrow/ LIAISON®IXT (DiaSorin), SeePrep12™	A	Viral NA isolation kit
Magtration® System 12GC PLUS (PSS®)	A	Mag DEA Viral DNA/RNA 200, Mag DEA DNA 200 and Mag DEA DNA 1000 Whole Blood
DNA preparation with InstaGene™ Matrix (Bio-Rad)	M	Compatible with FTD 33.1 Urethritis basic
NucleoSpin® Blood (Macherey-Nagel)	M	/
NucleoSpin® DNA/RNA Virus Kit (Macherey-Nagel)	M	/
MagNA Pure 96 System (Roche)	A	/
Biopur Kit de Extração Mini Spin Plus (Mobius)	M	/
Biopur Kit de Extração Mini Spin Virus DNA/RNA (Mobius)	M	/

M=Manual / A= Automatic

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Sample-to-results platform	
Device	Remarks
New VERSANT® kPCR Molecular System**†	VERSANT® kPCR SP module used with the VERSANT® Sample Prep 1.0 Kit, with the protocol Dynamic Assay Preparation FTD1, and with VERSANT® kPCR Molecular System SP Module System Software version 3.3
	Compatible with both VERSANT® kPCR AD module and the Applied Biosystems™ Quantstudio™ 5 DX Real-time PCR Instrument* <small>*Applied Biosystems and QuantStudio are trademarks of Thermo Fisher Scientific Inc.</small>
	Compatible with FTD 2, 2+.1, 16, 21.1, 27, 29.1, 30, 31.1, 46, 48.1, 50.1, 53.1, 56.1, 62, 63, 65.2, 66, and 78
ELITE InGenius™ (ELITech group)	Compatible with FTD 1.1, 3, 5, 6, 14.1, 20, 28, 33.1, 48 (qualitative testing)
	Please refer to the validation report for all compatible FTD kits
	For all other FTD kits a specific in-house validation is needed and FTD can supply a short validation protocol

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