

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 automatic/manual extraction methods).

More instruments are being added regularly, so contact us to find out if we are validating any new instrument that is not yet in the below lists.

Please note:

- » If you use other applications than FTD recommended, the CE label will be affected.
- » If you use other extraction methods and/or cyclers than NucliSENS® easyMAG® and Applied Biosystems 7500 be aware that the data can be slightly different than the data stated in the validation file.
- » If you want to use different applications or if you need further information, please contact FTD support team: support@fast-trackdiagnostics.com

Real-time cycler	
Cycler	Remarks
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 modus, not in fast modus
Applied Biosystems ViiA™ 7 (Thermo Fisher Scientific)	Use in standard modus, not in fast modus
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 modus, not in fast modus
VERSANT® kPCR AD module (Siemens)	/
New 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 according kit manual, FTD website > Products

Extraction		
Extraction		Remarks
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
QIASymphony® SP instrument (Qiagen)	A	QIASymphony® DSP Virus/ Pathogen Midi kit and the QIASymphony® 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	/

A= automated, M= manual

Sample-to-results platform	
Device	Remarks
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