

Product list

# AltoStar<sup>®</sup> product range

08/2022 UK

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LIS-ProAltoStar-UK-05

AltoStar<sup>®</sup>

# Reagents

Product name	Product details	Order No.
<b>Purification and internal control</b>		
AltoStar® Purification Kit 1.5 <sup>1</sup>	One-for-all purification chemistry Contains components sufficient for up to 1152 rxns	PK15-46
AltoStar® Whole Blood Pretreatment Buffer 1.5 <sup>1</sup>	Buffer for the pretreatment of whole blood samples Contains components sufficient for up to 576 rxns	WBPB15-46
AltoStar® Internal Control 1.5 <sup>1</sup>	Internal Control for AltoStar® Workflow Contains components sufficient for up to 1152 rxns	IC15-46

## Real-time PCR reagents

AltoStar® Adenovirus PCR Kit 1.5 <sup>1</sup>	Human adenovirus (quantitative)	AS0301543
AltoStar® CMV PCR Kit 1.5	Cytomegalovirus (quantitative)	AS0021543
AltoStar® EBV PCR Kit 1.5	Epstein-Barr virus (quantitative)	AS0131543
AltoStar® HHV-6 PCR Kit 1.5 <sup>1</sup>	Human herpesvirus 6A and 6B (quantitative)	AS0311543
AltoStar® HSV PCR Kit 1.5	Herpes simplex virus 1 and 2 (quantitative)	AS0061543
AltoStar® VZV PCR Kit 1.5 <sup>1</sup>	Varicella-zoster virus (quantitative)	AS0071543
AltoStar® <i>alpha</i> Herpesvirus PCR Kit 1.5	HSV-1, HSV-2 and VZV	AS0081543
AltoStar® BKV PCR Kit 1.5 <sup>1</sup>	BK virus (quantitative)	AS0031543
AltoStar® JCV PCR Kit 1.5 <sup>1</sup>	JC virus (quantitative)	AS0041543
AltoStar® Influenza Screen & Type RT-PCR Kit 1.5 <sup>1</sup>	Influenza A, influenza B and influenza A (H1N1)pdm09	AS0161543
AltoStar® MERS-CoV RT-PCR Kit 1.5	Middle East respiratory syndrome coronavirus	AS0391543
AltoStar® SARS-CoV-2 RT-PCR Kit 1.5	Severe acute respiratory syndrome coronavirus 2	AS0821543
AltoStar® SARS-CoV-2 RT-PCR Kit 1.5 **	Severe acute respiratory syndrome coronavirus 2	AS0821547
AltoStar® Pneumocystis jirovecii PCR Kit 1.5 *	<i>Pneumocystis jirovecii</i> (quantitative)	AS0551543
AltoStar® Norovirus RT-PCR Kit 1.5 <sup>1</sup>	Norovirus genogroup I and II	AS0051543
AltoStar® HAV RT-PCR Kit 1.5	Hepatitis A virus	AS0241543
AltoStar® HBV PCR Kit 1.5	Hepatitis B virus (quantitative)	AS0201513
AltoStar® HCV RT-PCR Kit 1.5	Hepatitis C virus (quantitative)	AS0211513
AltoStar® HEV RT-PCR Kit 1.5	Hepatitis E virus (quantitative)	AS0271543
AltoStar® HIV RT-PCR Kit 1.5	Human immunodeficiency virus type 1 (quantitative)	AS0221513
AltoStar® Parvovirus B19 PCR Kit 1.5 <sup>1</sup>	Parvovirus B19 (quantitative)	AS0101543

AltoStar® real-time PCR kits contain components sufficient for 96 rxns.

\*\* This kit contains 1200 rxns.

\* coming soon

<sup>1</sup> Products licensed with Health Canada.

In the course of the application of “Regulation (EU) 2017/746” (IVDR) on May 26, 2022, the AltoStar® (RT-)PCR kits have received new product numbers. The new product numbers reflect the desired change in regulatory status. All other product characteristics as well as the product performance remain unchanged. The kits are chemically identical to their already existing counterpart and contain the same kit components.

# Instruments and equipment

Product name	Product details	Order No.
AltoStar® Molecular Diagnostic Workflow	AltoStar® Automation System AM16 (Hamilton), AltoStar® Connect software (Hamilton), PC for AltoStar® Automation System AM16 (Hamilton)	AM16
AltoStar® Detection	CFX96™ Deep Well Dx System with CFX Manager™ Dx Software (Bio-Rad), PC for CFX96™ Deep Well Dx System (Bio-Rad), Barcode Scanner	DT16
AltoStar® Starter Kit	All consumables to get started For reorder use list of consumables	SK16
AltoStar® Work table	Table for AltoStar® Automation System AM16 With table holder and Ergotron arm	TA16

## Real-time PCR instruments

The AltoStar® (RT-)PCR kits can be used with compatible workflows (manual or automated). Real-time PCR instruments that have been validated for use with the AltoStar® (RT-)PCR kits are:

- CFX96™ Deep Well Dx System (Bio-Rad)
- CFX96™ Dx System (Bio-Rad)<sup>2</sup>
- ABI Prism® 7500 SDS (Applied Biosystems)
- LightCycler® 480 Instrument II (Roche)<sup>3</sup>
- QuantStudio™ 5 Real-Time PCR System (Applied Biosystems)<sup>2</sup>
- Rotor-Gene® Q5/6 plex Platform (QIAGEN)<sup>2</sup>

Using one of the real-time PCR instruments listed above (except for the CFX96™ Deep Well Dx System), the PCR setup, the programming of the instrument as well as the data analysis have to be performed manually.

**Please note:** Manual use with different real-time PCR instruments is not applicable for the AltoStar® HBV PCR Kit 1.5, the AltoStar® HCV RT-PCR Kit 1.5 and the AltoStar® HIV RT-PCR Kit 1.5. These kits are validated for automated use with the AltoStar® Automation System AM16 and the CFX96™ Deep Well Dx System only.

<sup>2</sup> Not for use with the AltoStar® HEV RT-PCR Kit 1.5

<sup>3</sup> Not for use with the AltoStar® *alpha* Herpesvirus PCR Kit 1.5

The AltoStar® (RT-)PCR kits, the AltoStar® Purification Kit 1.5, the AltoStar® Whole Blood Pretreatment Buffer 1.5 and the AltoStar® Internal Control 1.5 are CE-IVD marked products according to the European *in vitro* diagnostic directive 98/79/EC and Regulation (EU) 2017/746, respectively.

Products not FDA cleared or approved. Not available in all countries.