

Table S1: Molecular Diagnostic Tests for LASV

Commercial and regulated assays for Lassa are presented. Legacy lab-developed tests and in-house assays are not presented here, as sensitivity/specificity/LOD data is lab-specific.

Developer	System	Regulation	Sample Type	Target	LOD
Commercial – single assays					
Altona Diagnostics GmbH (GER)	RealStar® Lassa Virus RT-PCR Kit 1.0	CE-IVD	not specified	Lassa virus (LASV) specific RNA.	qualitative, not specified
Altona Diagnostics GmbH (GER)	RealStar® Lassa Virus RT-PCR Kit 2.0	RUO	not specified	Lassa virus (LASV) specific RNA.	qualitative, not specified
genesig (UK) (Primerdesign Ltd)	Primerdesign™ genesig® Kit for Lassa virus Josiah (LASV-Josiah)	RUO	not specified	Lassa virus (LASV) specific RNA, LASV-Josiah genome	100 copies of target template
LifeRiver (China) Shanghai ZJ Bio-Tech Co., Ltd	Lassa Virus (LV)Real Time RT-PCR Kit	CE-IVD	Serum, non-heparin anticoagulant, feces, urine or body fluid sample	LV RNA	1×10 ³ copies/ml
LIPSGene/VL Diagonstics (GER)	Lassa Virus (LV) RT-PCR Kit	CE-IVD	not specified	not specified	not specified
Commercial – multiplex assays					
Developer	System	Regulatory status	Sample Type	Target	LOD
GenArraytion Biothreat, Febrile kit panels (TaqMan or Luminex xMAP)	MultiFLEX: Febrile Agent Panel Mega Febrile Panel BioThreat Panel	RUO	not specified	not specified	<10 copies per rxn