

Table S2: Serology Tests for CCHF

Commercial and regulated assays for CCHF are presented. Legacy lab-developed tests and in-house assays are not presented here, as sensitivity/specificity/LOD data is lab-specific (see CCHF Matrix of Suppliers.xlsx for further detail).

Commercial ELISA and IFT/IFA									
Developer	System	Regulatory status	Sample Type	Target	LOD	Sensitivity /PPA	Specificity /NPA	Specimens tested	Reference assay
Alpha Diagnostic International / ADI (US)	Crimean-Congo hemorrhagic fever virus (CCHFV) IgG, IgM ELISA Kits	RUO	human serum or plasma of vaccinated, immunized and/or infected hosts	purified recombinant CCHFV nucleoprotein (NP, 482-aa)	no info	no clinical samples	no info	no info	no info
EUROIMMUN (GER) (acquired by Perkin Elmer 2017)	IIFT and IFA BIOCHIPs (ELISA in development)	CE-IVD	Serum, plasma, culture media or any other biological fluid	CCHF-IgG, CCHF-IgM two recombinant proteins CCHFV-GPC and CCHFV-N transfected cells	IgG: 1:100 IgM: 1:10	IgG: 89.5% IgM: 97.2%	IgG: 100% IgM: 97.5%	IgG: 206 positives; 88 neg IgM: 184 positives, 204 neg	no info
Vector-Best (RUS)	VectoCrimea-CHF-IgG VectoCrimea-CHF-IgM VectoCrimea-CHF-antigen	no info	no info	no info	no info	no info	no info	no info	no info
Abbexa (UK)	Human CCHF-IgG ELISA Kit	RUO	serum, plasma, tissue, other biological fluids	96 well plate has been pre-coated with an antigen specific to CCHF-IgM.	no info	no info	no info	no info	no info
Creative Diagnostics (USA)	CCHF-IgM ELISA Kit	RUO	serum, plasma, culture media or any biological fluid	CCHFV nucleoprotein	no info	no info	no info	no info	no info
Bernhard Nocht Institute for Tropical Medicine (GER)	BLACKBOX CCHFV IgG, IgM ELISA Kits	RUO	human serum	HRP-labelled CCHFV recombinant antigen	Calibrated index value	no info	no info	no info	no info

