

Competitive ELISA kit for the detection of anti-Rift Valley Fever (RVF) antibodies in serum or plasma from multiples species.

For research use only on human samples: see References (*).

- **This test does not contain any virus particles**
- **Excellent analytical sensitivity, sensitivity and specificity, as proven in recent outbreaks**
- **Multi-species test:** may be used on ruminants, horses, dogs and other species. For research use only on human samples: see References (*).
- **Convenient and rapid format:** ready-to-use, coated plates in strips, and all other components in liquid format. Results in less than 2 hours.
- **Practical:** you can easily check that all samples have been correctly deposited because the dilution buffer changes color upon addition of the sera

SPECIFICATIONS

Method	Competitive ELISA
Species	Multiple species, including ruminants, camels, horses, dogs and others. For research use only on human samples: see References (*).
Specimens	Serum or plasma
Coated antigen	RVF Virus nucleoprotein (NP)
Conjugate	Anti-NP-HRP conjugate (concentrated 10X)

ORDERING INFORMATION

Product code	RIFTC-4P	RIFTC-10P
Kit format	4 plates	10 plates
Reactions	384	960
Plate format	12 x 8-well strips	12 x 8-well strips

REFERENCES

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- Ahmed B. et al. **Unexpected Rift Valley Fever Outbreak, Northern Mauritania**. Emerging Infectious Diseases. Vol. 17, No. 10. October 2011.
- Kortekaas, J. et al. **European ring trial to evaluate ELISAs for the diagnosis of infection with Rift Valley fever virus**. Journal of Virological Methods. September 2012.
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- (*) A.M. Mohamed, et al. **Seroepidemiological survey on Rift Valley fever among small ruminants and their close human contacts in Makkah, Saudi Arabia, in 2011**. Rev. sci. tech-Off. int. Epiz., 2014, 33 (3), 903-915
- (*) Opayele A., Odaibo G. et al.(2018). **Rift valley fever virus infection among livestock handlers inbadan, Nigeria**. Journal of Immunoassay and Immunochemistry, Vol. 39, No. 6, 609–621
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- (*) Ibrahim M., Schelling E. et al. (2020). **Sero-prevalence of brucellosis, Q-fever and Rift Valley Fever in humans and livestock in Somali region, Ethiopia**. doi: <https://doi.org/10.1101/2020.01.31.928374>

More external references available upon request.

ASSOCIATED PRODUCTS

Rift Valley Fever IgG-positive freeze-dried serum

Product code	MRI-RIFT
Format	1 ml vial (freeze-dried)
Description	Freeze-dried positive bovine serum to be used as internal reference material for quality control.

