

## Indirect multi-species ELISA for the detection of anti-*Coxiella burnetii* antibodies in serum and plasma or in individual or bulk milk samples from multiple species.

- **Applicable to multiple species**, including cattle, sheep and goats. Please contact IDvet for use in other species. For research use only on human samples: see References (\*).
- **Straightforward, easy-to-use**, with results in 90 minutes

### SPECIFICATIONS

<b>Method</b>	Indirect ELISA
<b>Species</b>	Multiple species, including cattle, sheep, goats and others. For research use only on human samples, see References (*).
<b>Specimens</b>	Serum, plasma or milk
<b>Coated antigen</b>	<i>Coxiella burnetii</i> antigen from a bovine isolate
<b>Conjugate</b>	Anti-multi-species IgG-HRP conjugate (concentrated 10X)

### ORDERING INFORMATION

<b>Product code</b>	FQS-MS-2P	FQS-MS-5P
<b>Kit format</b>	2 plates	5 plates
<b>Reactions</b>	192	480
<b>Plate format</b>	12 x 8-well strips	12 x 8-well strips

### REFERENCES

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- Meredith, A. et al. ***Coxiella burnetii* (Q-Fever) Seroprevalence in Prey and Predators in the United Kingdom: Evaluation of Infection in Wild Rodents, Foxes and Domestic Cats Using a Modified ELISA.** Transboundary and Emerging Diseases 2014.
- Jourdain, E. et al. **1-year individual follow-up of shedding and antibody responses in a dairy sheep flock naturally infected by *Coxiella burnetii*.**
- Sidibe, S. S. **Q fever in small ruminants in Mali. Results of a serological survey.** Revue d'élevage et de médecine vétérinaire des pays tropicaux, 2013, 66(1): 11-18.
- Hong-Bo Ni et al. **Seroprevalence of Q fever in dairy cows in northeastern China.** African Journal of Microbiology Research. Vol. 5(23), pp. 3964-3967, October 2011.
- Tranquillo, V. et al. **Seroprevalences of *C.burnetii* in sheep and goat population of Bergamo province.** Large Animal Review – XIX Congresso Nazionale S.I.P.A.O.C. – Coriano, Italy – September 2010 (In Italian).
- Min-Goo Seo et al. **Detection and Genotyping of *Coxiella burnetii* and *Coxiella*-Like Bacteria in Horses in South Korea.** Plos One, May 31, 2016.
- (\*) S. El-Mahallawy H, Kelly P, Zhang J, et al. **Serological and molecular evidence of *Coxiella burnetii* in samples from humans and animals in China.** Ann Agric Environ Med. 2016;23(1):87-91

## ASSOCIATED PRODUCTS

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### Freeze-dried negative bovine milk

<b>Product code</b>	MRINEG-MILK
<b>Format</b>	2 ml
<b>Description</b>	Freeze-dried bovine milk negative for various diseases.

### Q Fever positive freeze-dried serum

<b>Product code</b>	MRI-FQ
<b>Format</b>	1 ml vial (freeze-dried)
<b>Description</b>	Freeze-dried positive bovine serum to be used as internal reference material for quality control