

PARATUBERCULOSIS



ID Screen® Paratuberculosis Indirect



Indirect absorbed ELISA for the detection of anti-*Mycobacterium avium* subsp. *paratuberculosis* (Map) antibodies in ruminant serum, plasma and milk

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PARATUBERCULOSIS / JOHNE'S DISEASE

ID Screen® Paratuberculosis Indirect

Indirect absorbed^[3] ELISA for the detection of anti-*Mycobacterium avium* subsp. *paratuberculosis* (Map) antibodies in ruminant serum, plasma and milk.

- **Ideal for herd certification and disease eradication programs** thanks to high sensitivity, specificity and clear separation of positive and negative results
- **Automatable and rapid** : results in 90 minutes.
- **Screening and confirmation** formats available
- **Short or overnight incubations**
- **The stop solution no longer contains H₂SO₄**, meaning that it is less corrosive

Specifications

Method	Indirect absorbed ELISA
Species	Ovine, caprine, bovine (cattle or buffalo)
Specimens	Serum, plasma or bovine milk
Coated antigen	Purified MAP extract
Conjugate	Anti-ruminant-HRP conjugate (concentrated 10X)
Incubations	Short or overnight

Ordering information

Screening format			Confirmation format*	
Product code	PARAS-5P	PARAS-10P	Product code	PARAB-4P
Kit format	5 plates	10 plates	Kit format	4 plates (bi-well)
Reactions	480	960	Reactions	192
Plate format	12 x 8-well strips		Plate format	6 x 16-well strips

* Each sample is tested in a coated well (even columns) and in an adjacent non-coated well (odd columns). Results are calculated with respect to the corrected sample OD (even well OD – odd well OD).

References

[1] Köhler, Heike et al. **Evaluation of five ELISA test kits for the measurement of antibodies against *Mycobacterium avium* subspecies *paratuberculosis*** in bovine serum. Berl. Münch. Tierärztl. Wochenschr. 121, Heft 5/6, 203-210 (2008).

[2] Fry, M., Kruze, J., Collins, M., **Evaluation of four commercial enzyme-linked immunosorbent assays for the diagnosis of bovine *paratuberculosis* in Chilean dairy herds.** J Vet Diagn Invest 20:329-332 (2008).

[3] OIE recommendations: Manual of Recommended Diagnostic Techniques and Requirements volume III -*Paratuberculosis* 5B/009.

Associated Products

Mycobactine J

Product Code	MYCO
Format	2 mg vial (freeze-dried)
Description	Ferric Mycobactin J is an iron-chelated substance used as a growth factor for the isolation of mycobactin-dependent <i>Mycobacterium</i> .

Paratuberculosis positive freeze-dried serum

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

Paratuberculosis negative freeze-dried serum

Product Code	MRINEG-PARA
Format	2 ml vial (freeze-dried)
Description	Freeze-dried negative bovine serum to be used as internal reference material for quality control.