

## Indirect absorbed (3) screening 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

### SPECIFICATIONS

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

### ORDERING INFORMATION

#### Screening format

<b>Product code</b>	PARAS-5P	PARAS-10P
<b>Kit format</b>	5 plates	10 plates
<b>Reactions</b>	480	960
<b>Plate format</b>	12 x 8-well strips	12 x 8-well strips

#### Confirmation format \*

<b>Product code</b>	PARAB-5P
<b>Kit format</b>	5 plates bi-well
<b>Reactions</b>	240

**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****Freeze-dried Paratuberculosis positive milk**

<b>Product code</b>	MRI-PARAMILK
<b>Format</b>	2 ml vial (freeze-dried)
<b>Description</b>	Pool of freeze-dried bovine milks containing anti- <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> (MAP) specific antibodies.

**Paratuberculosis positive freeze-dried serum**

<b>Product code</b>	MRI-PARA
<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.

**Paratuberculosis negative freeze-dried serum**

<b>Product code</b>	MRINEG-PARA
<b>Format</b>	2 ml vial (freeze-dried)
<b>Description</b>	Freeze-dried negative bovine serum to be used as internal

