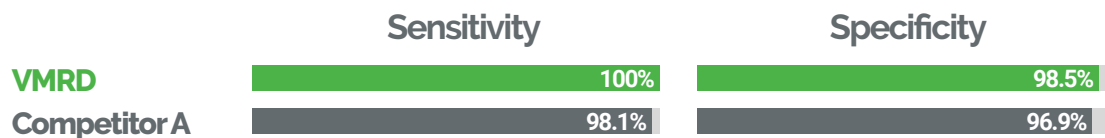
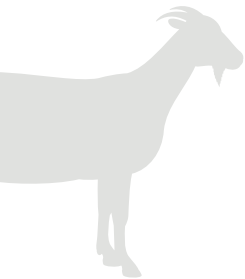


Newly licensed for detection of **Johne's disease in goat serum**

VMRD's *Mycobacterium avium* subspecies *paratuberculosis* Antibody Test Kit was validated for detection of antibodies to MAP in 52 positive and 130 negative paired goat serum and fecal samples. The status of negative samples was confirmed by fecal culture and PCR and for positive samples, by one of the following tests: necropsy, fecal culture or fecal PCR. All samples evaluated in this study were acquired from a variety of sources across the U.S. and Germany.

| | True positive | False negative | Confirmed positive | True negative | False positive | Confirmed negative |
|---------------------|---------------|----------------|--------------------|---------------|----------------|--------------------|
| VMRD* | 52 | 0 | 52 | 128 | 2 | 130 |
| Competitor A | 51 | 1 | | 126 | 4 | |



User-friendly qualities **Speed and simplicity**

- ✓ **User friendly** with simplified workflow
- ✓ Quick turnaround
- ✓ **Validated** for goat serum in addition to bovine serum and milk
- ✓ USDA-licensed
- ✓ Effective for herd management

