

**CERTIFICATE OF ANALYSIS**

BA-2


Monoclonal Antibody

Catalog No.:	BA-2
Lot:	P231016
Expiration:	1 year when stored at 2-7 °C

**Quality Control Method:** Indirect FA using BVDV-2 (TN131) 12-well in-house slide, BVDV-1 (Modderman) 12-well in-house slide, IgG<sub>2a</sub> isotype control not specific to BVDV, and anti-murine IgG affinity purified FITC conjugate (catalog no. CJ-F-MURG-AP-10ML). RID using in-house IgG<sub>2a</sub> plate.

**Specific Reaction:** 3–4+ signal at 100 µg/ml with an endpoint concentration less than 0.1 µg/ml. No fluorescence with the Type 1 slide. Negative with the isotype control. The RID test showed a concentration of 1.001 mg/ml.

**Other Comments:** Note: BVDV1 genotypes usually produce only mild diarrhea in immunocompetent cattle, while BVDV-2 genotypes can produce thrombocytopenia, hemorrhages, and acute fatal disease. The viruses of either genotype may exist as one of two biotypes, cytopathic or noncytopathic.

**QC Manager:** 

David Hyatt

**Pattern Of Fluorescence:** Individual cells with smooth, undifferentiated and/or “ground glass” cytoplasmic fluorescence.

Technical Data Sheet Version: 1

FOR *IN VITRO* LABORATORY USE ONLY.

30 January 2024