

CERTIFICATE OF ANALYSIS

BA-2

Monoclonal Antibody

Catalog No.:	BA-2
Lot:	P260621
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_{2a} 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_{2a} plate.

Specific Reaction: 3-4+ signal at 100 µg/mL with an endpoint concentration of 0.1 µg/mL. No fluorescence with the type 1 slide. Negative with the isotype control. The RID test showed a concentration of 0.802 mg/mL.

Other Comments: 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:



TJ Yockachonis

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.

13 July 2026