

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: C01991M **Lot #:** 6E14821

Description: MAb to Heartworm, Canine
Monoclonal Antibody to Heartworm, Canine

Specificity: Recognizes *Dirofilaria immitis* (Canine Heartworm)

Host Animal: Mouse **Isotype:** IgG₁

Source: Cell Culture

Immunogen: R. G. Antigen (Heartworm Antigen)

Format: Purified, Liquid

Purification: > 95% pure by SDS-PAGE. Protein A Chromatography

Concentration: 7.6 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: 0.05 Phosphate Buffered Saline, pH 7.4

Preservative: 0.1% Sodium Azide

Applications: Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Recommended pairs for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
C01994R	C01991M

Storage: Store at 2-8°C. **DO NOT FREEZE!**

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



01 JUN 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY