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Certificate of Analysis and Data Sheet Goat Anti Cytomegalovirus, FITC

Catalog No.
MD-05-0079

Species
Virus

Description: Goat Antibody to Cytomegalovirus (CMV)
Fluorescein conjugated

Host Animal: Goat

Immunogen: Purified virions of Strain AD 169

Purification: Purified IgG fraction covalently coupled with high purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product.

Specificity

Predominant reactivity to glycoprotein B (gB). Does not react with HSV and VZV by indirect immunofluorescence. Negative against HEp-2 cells and human fibroblasts by IFA.

Formulation

Format: FITC, Liquid

Concentration: 4-5mg/ml (OD_{280nm}, E^{0.1%} = 1.4)

Buffer: 0.01M PBS, pH 7.2 containing 10mg/ml BSA

Preservative: 0.1% Sodium Azide

Storage

Store (up to 6 months) at 2-8°C under subdued light. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

Applications

Suitable for use in direct IFA. Acetone fixation of the antigen source is recommended prior to staining. 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.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**