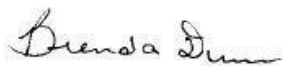


CERTIFICATE OF ANALYSIS

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

| | | | |
|------------------------|--|-----------------|------------------|
| Catalog #: | C65941F | Lot #: | 4G20620 |
| Description: | MAb to HIV-1 p24 Monoclonal Antibody to Human Immunodeficiency Virus-1 (HIV-1), p24 Fluorescein Conjugated | | |
| Specificity: | Specific for HIV1 p24. Does not cross-react with other HIV polypeptides. | | |
| Host Animal: | Mouse | Isotype: | IgG ₁ |
| Source: | Ascites | | |
| Immunogen: | Purified Native p24 | | |
| Format: | FITC, Liquid | | |
| Purification: | > 90% pure. Protein A chromatography. Conjugated with high purity isomer 1 of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product. | | |
| Concentration: | 100 µg/mL (OD280nm, E ^{0.1%} = 1.3) | | |
| Buffer: | 0.01 M Phosphate Buffered Saline, pH 7.2, containing 10mg/ml BSA. | | |
| Preservative: | 0.1% Sodium Azide | | |
| Applications: | Suitable for use in IFA, Immunohistochemistry, ELISA and Western Blot. Direct FA staining of target antigen in a permissive tissue culture system. Acetone fixation of the antigen source is recommended prior to staining. Not suitable for use with paraffin embedded tissues. 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. | | |
| Storage: | Upon receipt, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles. | | |
| Safety Note(s): | Refer to Safety Data Sheet (SDS) for additional information. | | |
| References: | The reference listed below is for research purposes only: Tang, S., et al., (2010), "Characterization of immune responses to capsid protein p24 of Human Immunodeficiency Virus Type 1 and implications for detection", <u>Clinical and Vaccine Immunology</u> , 17 (8): 1244-1251. | | |



24JULY2020

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY