

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** C65941M **Lot #:** 1K30722

**Description:** MAb to HIV-1 p24  
Monoclonal Antibody to Human Immunodeficiency Virus Type I (HIV-1), p24

**Specificity:** Specific for HIV-1 p24. Does not cross-react with other HIV polypeptides.

**Host Animal:** Mouse **Isotype:** IgG<sub>1</sub>

**Source:** Ascites

**Immunogen:** Purified Native p24

**Format:** Purified, Liquid

**Purification:** > 90% pure. Protein A Chromatography

**Concentration:** 1.5 mg/mL (OD<sub>280nm</sub>, E<sup>0.1%</sup> = 1.3)

**Buffer:** 0.01M Phosphate Buffered Saline, pH 7.2  
This product contains no stabilizing proteins.

**Preservative:** 0.1% Sodium Azide

**Applications:** Suitable for use in IFA, IHC, ELISA, Lateral Flow and Western Blot. 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.  
Recommended antibody pair for sandwich ELISA:  

Capture	Detection
C65941M	C65499M
C65941M	C01847C
C01848C	C65941M

**Storage:** Store at 2-8°C.

**Safety Note(s):** Refer to the appropriate 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", *Clinical and Vaccine Immunology*, **17**(8): 1244-1251.

Quality Signature:



03 Nov 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**