

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** C65690M **Lot #:** 5125716

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

**Specificity:** Specific for HIV-1 p24.

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

**Source:** Ascites

**Format:** Purified, Liquid

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

**Concentration:** 3.28 mg/mL (OD280nm, E<sup>0.1%</sup> = 1.3)

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

**Preservative:** 0.1% Sodium Azide

**Applications:** Suitable for use in CLIA, ELISA and Lateral Flow assay. 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:

<u>Capture</u>	<u>Detection</u>
C65690M	C65499M
C65690M	C01653M
C01653M	C65690M
C01657M	C65690M
C01656M	C65690M
C65941M	C65690M
C65690M	C65941M
C65690M	C01848C

**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:

1. 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.
2. Zhou, W., et al., (2010) "The anti-viral protein of trichosanin penetrates into Human Immunodeficiency Virus Type 1", Acta Biochim Biophys. Sin., **42**(2): 91-97.

Quality Signature: 

02APRIL2021

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**