

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** C86401M **Lot #:** 11E14821

**Description:** MAb to HBsAg  
Monoclonal Antibody to Hepatitis B Surface Antigen (HBsAg)

**Specificity:** Hepatitis B virus surface antigen. Reacts with the following HBsAg subtypes: ayw1, ayw2, ayw3, ayw4, ayr, adw2, adw4, adr<sup>q</sup>+, adr<sup>q</sup>- and ayw3 (Fer).

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

**Source:** Ascites

**Immunogen:** Recombinant HBsAg of ayw subtype.

**Format:** Purified, Liquid

**Purification:** > 95% pure (SDS-PAGE). Protein G Chromatography

**Concentration:** 4.8 mg/mL (OD<sub>280nm</sub>, E<sup>0.1%</sup>=1.4)

**Buffer:** Phosphate Buffered Saline, pH 7.4

**Preservative:** 0.09% 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 pair for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
C86303M	C86401M (Sensitivity 50 pg/mL)

**Storage:** Store at 2–8°C.

**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**