



Meridian

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Innovative Solutions. Trusted Partner.®

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CERTIFICATE OF ANALYSIS

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

Catalog #: MAF05-019 **Lot #:** H0891

Description: MAb to hCG beta
Monoclonal Antibody to Human Chorionic Gonadotropin (hCG) beta Subunit

Specificity: This antibody is specific for intact-hCG and its beta subunit. Does not react with hCG alpha subunit.

Host Animal: Mouse **Isotype:** IgG₁, kappa

Source: Ascites

Immunogen: hCG isolated from Human Pregnancy Urine

Format: Purified, Liquid **Exp. Date:** 04 FEB 2022

Purification: > 90% pure (SDS-PAGE). Protein A Chromatography
Product is 0.2 µm filtered.

Concentration: 5.3 mg/mL (OD280nm, E^{0.1%} = 1.4)

Affinity Constant: 2.0 x 10¹¹ L/m

Buffer: 10 mM Phosphate, pH 7.4 containing 150 mM Sodium Chloride.

Preservative: 0.1% 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 pairs for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
MAF05-025	MAF05-019

Storage: Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at <-40°C. If aliquoted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used. Avoid repeated freeze/thaw cycles.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

07 February 2020

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY