

CERTIFICATE OF ANALYSIS

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

Catalog #: MAF06-154 **Lot #:** H0977

Description: MAb to HGH
Monoclonal Antibody to Human Growth Hormone (HGH)

Specificity: Cross-Reactivity:
Synthetic HGH (Somatonorm) 100%
Human Placental Lactogen <0.02%
Human Prolactin <0.02%

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

Source: Ascites

Immunogen: HGH isolated from human pituitary gland.

Format: Purified, Liquid

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

Concentration: 6.3 mg/mL (OD280nm, E^{0.1%} = 1.4) **EXP:** 13 OCT 2021

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 pair for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
MAF06-154	MAF06-210

Storage: Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information. Particulates/Precipitation may be seen upon thawing. It is recommended to centrifuge prior to use.


Quality Signature

13 October 2021
Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY