

CERTIFICATE OF ANALYSIS

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

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Catalog #: E86910M **Lot #:** 3H23220

Description: MAb to PAPP-A
Monoclonal Antibody to Human Pregnancy Associated Plasma Protein A (PAPP-A)

Specificity: Human PAPP-A subunit. Human PAPP-A antigen purified from placental blood is a heterotetrameric complex (htPAPP-A) consisting of two PAPP-A subunits and two proMBP subunits. Human PAPP-A antigen purified from atherosclerotic plaques is homodimeric (dPAPP-A) consisting of two PAPP-A subunits.

Host Animal: Mouse **Isotype:** IgG_{2a}

Source: Ascites

Immunogen: Purified human PAPP-A/proMBP heterotetrameric complex (htPAPP-A).

Format: Purified, Liquid

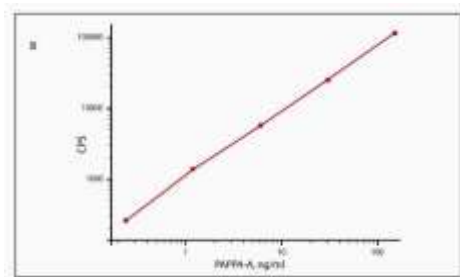
Purification: > 90% pure (SDS-PAGE). Protein A Chromatography

Concentration: 7.2 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Suitable for use in Immunoassay and Immunoprecipitation. 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.



Calibration curve for PAPP-A sandwich immunoassay.

Capture: E86141M (Biotinylated)
Detection: E86910M (labeled with stable Eu³⁺ chelate).
Antigen: htPAPP-A

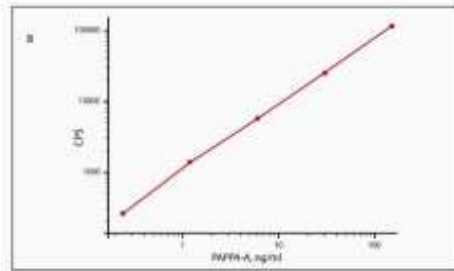
Mixture of antibodies and antigen was incubated for 30 minutes at room temperature in streptavidin-coated plates.



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Storage:

Store at 2-8°C.

Safety Note(s):

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

Bianca Gale

20 AUG 2020

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY