

Angiopoietin-1 Polyclonal Antibody(Capture/Detector)

catalog number: AN004690P

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

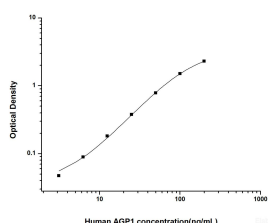
Description

Reactivity	Human
Immunogen	Native Protein
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications Recommended Dilution

ELISA Capture	2-8 µg/mL
ELISA Detector	0.1-0.4 µg/mL

Data



Sandwich ELISA-Native Protein standard curve. Background subtracted standard curve using Anti-Angiopoietin-1 antibody(AN004690P)(Capture), Anti-Angiopoietin-1 antibody(AN004690P)(Detector). The reference range value is 3.13~200 ng/mL for human.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

alpha 1-acid Glycoprotein, also known as orosomucoid-1, is a positive acute-phase reactant that is produced by the liver and secreted in plasma. Plasma alpha 1-acid concentration increases in response to inflammation and infection. alpha 1-acid glycoprotein belongs to the lipocalin family and binds numerous basic and neutral lipophilic drugs and steroid hormones. It is a 183 amino acid protein with 5 N-linked glycans that comprises 45% of the 43 kDa mass of the protein. The human and mouse protein share 43% amino acid sequence identity.

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