

Angiogenin Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02050-3**

Capture Antibody Information

Catalog Number:
85635-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242738A7
Reactivity:
human

Conjugate:
Unconjugated
Full name:
angiogenin, ribonuclease, RNase A family, 5
Gene ID:
283

Detection Antibody Information

Catalog Number:
85635-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242738A12
Reactivity:
human
GenBank:
BC054880

Conjugate:
Unconjugated
Full name:
angiogenin, ribonuclease, RNase A family, 5
Gene ID:
283

Applications

Tested Applications:
Sandwich ELISA

Range:
39.1-2500 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP02050-3 targets Angiogenin in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: ANG Recombinant antibody, PBS Only (Capture) 85635-3-PBS (242738A7). 100 µg. Concentration 1 mg/mL.

Detection antibody: ANG Recombinant antibody, PBS Only (Detector) 85635-4-PBS (242738A12). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

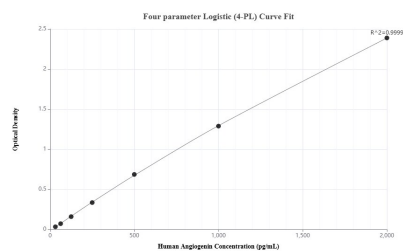
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

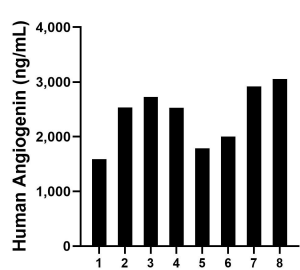
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

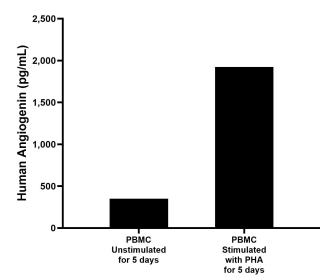
Selected Validation Data



Sandwich ELISA standard curve of MP02050-3, Human Angiogenin Recombinant Matched Antibody Pair - PBS only. 85635-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1930. 85635-4-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



Serum of eight individual healthy human donors was measured. The human Angiogenin concentration of detected samples was determined to be 2,391.69 ng/mL with a range of 1,589.9-3,053.2 ng/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 µg/mL PHA for 5 days. The mean Angiogenin concentration was determined to be 350.15 pg/mL in unstimulated PBMC supernatant, 1,922.45 pg/mL in PHA stimulated PBMC supernatant.