For Research Use Only

Calbindin-D28k Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03605-2

proteintech®
Antibodies | ELISA kits | Proteins
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Capture Antibody Information

Catalog Number:
88615-4-PBS

Clone ID:
261340A9

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
calbindin 1, 28kDa

Isotype:
IgG

Immunogen Catalog Number:
Ag5861

Gene ID:
793

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
88615-3-PBS

Clone ID:
261340B5

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
calbindin 1, 28kDa

Isotype:
IgG

GenBank:
BC006478

Gene ID:
793

Purification Method:
Protein A purification

Immunogen Catalog Number:
Ag5861

Applications

Tested Applications:
Sandwich ELISA

Range:
78.1-5000 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

MP03605-2 targets Calbindin-D28k in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Calbindin Recombinant monoclonal antibody, PBS Only (Capture) 88615-4-PBS (261340A9). 100 µg. Concentration 1 mg/ml.

Detection antibody: Calbindin Recombinant monoclonal antibody, PBS Only (Detector) 88615-3-PBS (261340B5). 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.

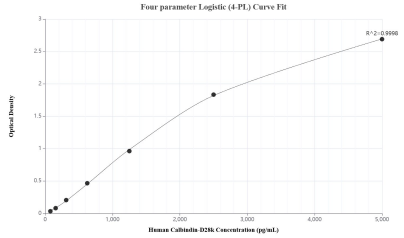
Storage

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

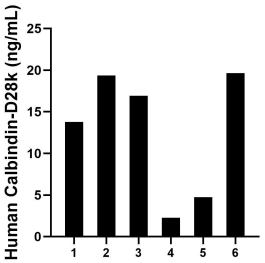
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

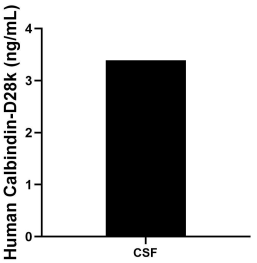
Selected Validation Data



Sandwich ELISA standard curve of MP03605-2, Human Calbindin-D28k Recombinant Matched Antibody Pair - PBS only. 88615-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag5861. 88615-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



Urine of six individual healthy human donors was measured. The Calbindin-D28k concentration of detected samples was determined to be 12.8 ng/mL with a range of 2.3-19.7 ng/mL.



Human cerebrospinal fluid (CSF) samples were evaluated for the presence of human Calbindin-D28k in this assay, and measured 3.4 ng/mL.