

For Research Use Only

Cystatin A Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 84953-1-PBS



Basic Information

Catalog Number: 84953-1-PBS	GenBank Accession Number: BC010379	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1475	CloneNo.: 242558E1
Source: Rabbit	UNIPROT ID: P01040	
Isotype: IgG	Full Name: cystatin A (stefin A)	
Immunogen Catalog Number: AG8733	Calculated MW: 98 aa, 11 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

84953-1-PBS targets Cystatin A as part of a matched antibody pair:

MP01707-1: 84953-1-PBS capture and 84953-2-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP01707-2: 84953-3-PBS capture and 84953-1-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

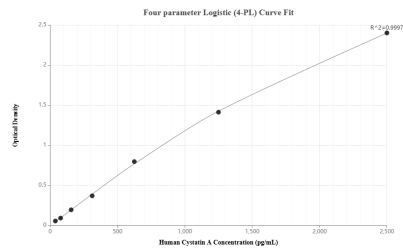
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

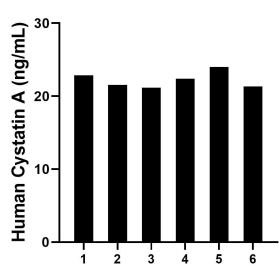
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

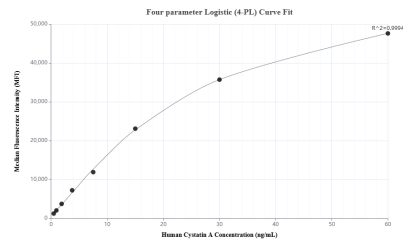
Selected Validation Data



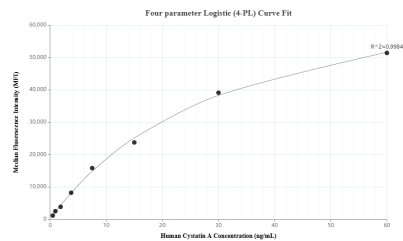
Sandwich ELISA standard curve of MP01707-1, Human Cystatin A Recombinant Matched Antibody Pair - PBS only. 84953-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag8733. 84953-2-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



Saliva of six individual healthy human donors was measured. The human Cystatin A concentration of detected samples was determined to be 22.22 ng/mL with a range of 21.18 - 24.01 ng/mL



Cytometric bead array standard curve of MP01707-1, Cystatin A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84953-1-PBS. Detection antibody: 84953-2-PBS. Standard: Ag8733. Range: 0.469-60 ng/mL



Cytometric bead array standard curve of MP01707-2, Cystatin A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84953-3-PBS. Detection antibody: 84953-1-PBS. Standard: Ag8733. Range: 0.469-60 ng/mL