

# Serotonin transporter Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01613-1**

## Capture Antibody Information

**Catalog Number:**  
84844-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242252G5  
**Reactivity:**  
human

**Conjugate:**  
Unconjugated  
**Full name:**  
solute carrier family 6  
(neurotransmitter transporter,  
serotonin), member 4  
**Gene ID:**  
6532

## Detection Antibody Information

**Catalog Number:**  
84844-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242252A11  
**Reactivity:**  
human  
**GenBank:**  
NM\_001045

**Conjugate:**  
Unconjugated  
**Full name:**  
solute carrier family 6  
(neurotransmitter transporter,  
serotonin), member 4  
**Gene ID:**  
6532

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
3.91-250 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

MP01613-1 targets Serotonin transporter in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: SLC6A4 Recombinant antibody, PBS Only (Capture) 84844-2-PBS (242252G5). 100 µg. Concentration 1 mg/mL.

Detection antibody: SLC6A4 Recombinant antibody, PBS Only (Detector) 84844-1-PBS (242252A11). 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

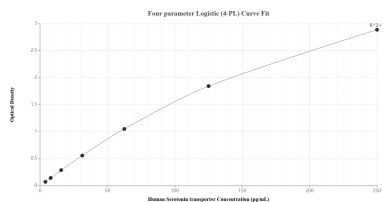
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

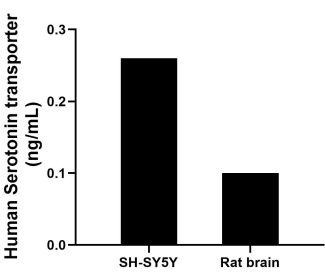
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## Selected Validation Data



Sandwich ELISA standard curve of MP01613-1, Human Serotonin transporter Recombinant Matched Antibody Pair - PBS only. 84844-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY00407. 84844-1-PBS was HRP conjugated as the detection antibody. Range: 3.91-250 pg/mL



The mean Serotonin transporter concentration was determined to be 0.3 ng/mL in SH-SY5Y cell extract based on a 1.0 mg/mL extract load and 0.1 ng/mL in rat brain tissue extract based on a 1.6 mg/mL extract load.