

# AARS Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP03098-2

## Capture Antibody Information

**Catalog Number:**

87581-5-PBS

**Host:**

Rabbit

**Isotype:**

IgG

**Purification Method:**

Protein A purification

**Clone ID:**

253004B6

**Reactivity:**

human

**Immunogen Catalog Number:**

Ag11294

**Conjugate:**

Unconjugated

**Full name:**

alanyl-tRNA synthetase

**Gene ID:**

16

## Detection Antibody Information

**Catalog Number:**

87581-3-PBS

**Host:**

Rabbit

**Isotype:**

IgG

**Purification Method:**

Protein A purification

**Clone ID:**

253004E4

**Reactivity:**

human

**GenBank:**

BC011451

**Immunogen Catalog Number:**

Ag11294

**Conjugate:**

Unconjugated

**Full name:**

alanyl-tRNA synthetase

**Gene ID:**

16

## Applications

**Tested Applications:**

Sandwich ELISA

**Range:**

1.56-100 ng/mL (Sandwich ELISA)

**Recommended Dilutions:**

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

## Product Information

MP03098-2 targets AARS in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: AARS Recombinant monoclonal antibody, PBS Only (Capture) 87581-5-PBS (253004B6). 100 µg. Concentration 1 mg/mL.

Detection antibody: AARS Recombinant monoclonal antibody, PBS Only (Detector) 87581-3-PBS (253004E4). 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:

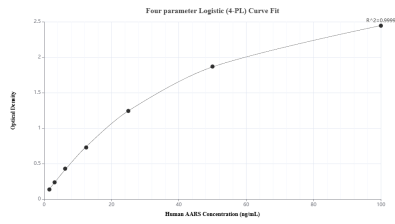
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)

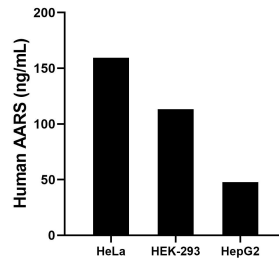
W: [ptglab.com](http://ptglab.com)

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 MP03098-2, Human AARS Recombinant Matched Antibody Pair - PBS only. 87581-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag11294. 87581-3-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL



The mean AARS concentration was determined to be 159.36 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load, 113.33 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load and 47.64 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load.