

# DDX4/VASA Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02892-2**

## Capture Antibody Information

**Catalog Number:**  
87172-4-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
252369D5  
**Reactivity:**  
human  
**GenBank:**  
BC047455  
**Immunogen Catalog Number:**  
Ag0447

**Conjugate:**  
Unconjugated  
**Full name:**  
DEAD (Asp-Glu-Ala-Asp) box polypeptide 4  
**Gene ID:**  
54514

## Detection Antibody Information

**Catalog Number:**  
87172-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
252369D3  
**Reactivity:**  
human  
**GenBank:**  
BC047455  
**Immunogen Catalog Number:**  
Ag0447

**Conjugate:**  
Unconjugated  
**Full name:**  
DEAD (Asp-Glu-Ala-Asp) box polypeptide 4  
**Gene ID:**  
54514

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
156-5000 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

MP02892-2 targets DDX4/VASA in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: DDX4,VASA Recombinant monoclonal antibody, PBS Only (Capture) 87172-4-PBS (252369D5). 100 µg. Concentration 1 mg/mL.

Detection antibody: DDX4,VASA Recombinant monoclonal antibody, PBS Only (Detector) 87172-1-PBS (252369D3). 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.

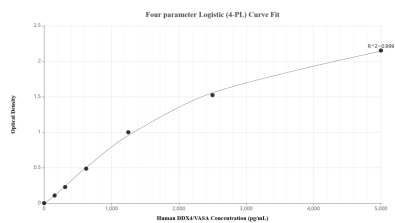
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

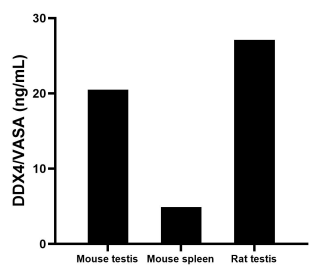
## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage buffer:**  
PBS only

## Selected Validation Data



Sandwich ELISA standard curve of MP02892-2, Human DDX4/VASA Recombinant Matched Antibody Pair - PBS only. 87172-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0447. 87172-1-PBS was HRP conjugated as the detection antibody. Range: 156-5000 pg/mL



The mean DDX4/VASA concentration was determined to be 20.5 ng/mL in mouse testis tissue extract based on a 4.3 mg/mL extract load, 4.9 ng/mL in mouse spleen tissue extract based on a 6.4 mg/mL extract load and 27.1 ng/mL in rat testis tissue extract based on a 4.3 mg/mL extract load.