



BML

ORDERING INFORMATION

Catalog Number: BML006

Lot Number:

Size: 50 μ g

Formulation: 0.2 μ m filtered PBS solution

Storage: -80°C

Specificity: human plasma apo A-V

Immunogen: recombinant apo A-V

Ig Type: IgG1

Application: Western blot

Sandwich ELISA

***Anti-human apolipoprotein A-V Antibody
Apo A-V E8E, Biotinylated***

Preparation

Produced in mice by the method of DNA-based immunization (1). Apo A-V specific IgG was purified from mouse ascites fluid with a protein A-Sepharose.

Formulation

0.2 μ m filtered PBS solution

Storage

IgG in PBS solution are stable for twelve months from the date of receipt when stored at -80°C. Avoid repeated freeze-thaw cycles.

Specificity

This antibody has been selected for its ability to bind for human apo A-V (1).

Additional Applications

Western Blot – This antibody can be used at 0.2 – 1.0 ng/mL with the appropriate secondary reagent to detect human apo A-V. The detection limit for purified recombinant apo A-V and plasma sample is approximately 0.2 ng/lane and 0.5 μ L/lane, respectively, under non-reducing and reducing conditions (1, 2).

Sandwich ELISA – This antibody can be used as a detection antibody in a human apo A-V ELISA in combination with the monoclonal capture antibody (Catalog #BML004). The detail for ELISA protocol is described in reference (1). Using plates coated with 100 μ L/well of the capture antibody, in combination with 100 μ L/well of the detection antibody at 500 ng/mL, an ELISA for sample volumes of 100 μ L can be obtained. Titrate each preparation of the serum sample for standard preparation to arrive at the most suitable dose range. For this antibody pair, a two-fold dilution series starting at 20 ng/mL is suggested. For more information, please see the reference (1).

Optimal dilutions should be determined by each laboratory for each application.

References

(1) Ishihara et al., A sandwich enzyme-linked immunosorbent assay for human plasma apolipoprotein A-V concentration. 2005;46:2015-2022.

FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

BML, Inc.

1361-1 Matoba, Kawagoe, Saitama 350-1101, Japan
TEL +81-49-232-0440/FAX +81-49-232-5480