



User's Manual

Human CD146/MCAM Antibody Pair Set



ABPR-ZB168



5 Plates, 15 Plates



This product is for research use only and is not intended for diagnostic use.

For illustrative purposes only. To perform the assay the instructions for use provided with the kit have to be used.

Creative Diagnostics

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PRODUCT INFORMATION

Intended Use

Quantitative determination of Human CD146/MCAM

General Description

ABPR-ZB168 is a solid phase sandwich ELISA for quantitative determination of Human CD146/MCAM.

Reagents And Materials Provided

1. Capture Antibody: 0.5 mg/mL of mouse anti-Human CD146/MCAM monoclonal antibody [CABT-ZB591] (in PBS, pH 7.4).
2. Detection Antibody: 0.2 mg/mL of rabbit anti-Human CD146/MCAM monoclonal antibody [CABT-ZB943] conjugated to HRP (in PBS, 50 % HRP-Protector, pH 7.4, store at 4°C).
3. Standard: Each vial contains 80 ng of recombinant Human CD146/MCAM.

Reconstitution And Storage

Reconstitution

1. Capture Antibody: Dilute to a working concentration of 2 µg/mL in PBS before coating.
2. Detection Antibody: Dilute to working concentration of 0.5 µg/mL in detection antibody dilution buffer before use.
3. Standard: Reconstitute with 1 mL detection antibody dilution buffer.

Storage

1. Capture Antibody: Aliquot and store at -20°C to -80°C for up to 6 months from date of receipt. Avoid repeated freeze-thaw cycles.
2. Detection Antibody: Store at 4°C and protect it from prolonged exposure to light for up to 6 months from date of receipt. DO NOT FREEZE!
3. Standard: Store lyophilized standard at -20°C to -80°C for up to 6 months from date of receipt. Aliquot and store the reconstituted Standard at -80°C for up to 1 month. Avoid repeated freeze-thaw cycles.

Detection Range

Assay range: 11-700 pg/mL