

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

1th Edition

[**INTENDED USE**]

The Antibody Pair can be used for quantifying natural and recombinant human Alpha-1-Acid Glycoprotein (a1AGP) in ELISA, CLIA, ELISPOT, Luminex, Immunochromatography and other immunoassays.

[**CONTENTS AND PROPERTIES**]

Content 1: Standard

Traits	Quantity	Vials	Components
Freeze-dried powder	20 ug/vial	1 vial	E.coli derived Recombinant a1AGP in BSA solution

Content 2: Capture Antibody to Alpha-1-Acid Glycoprotein (a1AGP)

Quantity	720 ug	Vials	1 vial
Concentration	500 ug/ml	Host	Mouse
Clone Number	P2C1	Isotype	IgG2b; κ
Traits	Liquid	Buffer	0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

Content 3: Detection Antibody to Alpha-1-Acid Glycoprotein (a1AGP)

Quantity	48 ug	Vials	1 vial
Concentration	400 ug/ml	Host	Mouse
Clone Number	P2D6	Isotype	IgG2a; κ
Traits	Liquid	Buffer	0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[**REAGENT PREPARATION**]

Bring all components to room temperature (18-25°C) and briefly spin or centrifuge the vials before use. Working solutions should be prepared and used immediately.

Standard: Reconstitute the Standard with Standard Diluent. Cloud-Clone's product of Standard Diluent (Catalog: IS0051) is highly recommended.

Capture Antibody: Working concentration of 6 ug/ml is recommended, dilute the Ab with Coating Buffer. Cloud-Clone's product of Coating Buffer (Catalog: IS0052) is highly recommended.

Detection Antibody: Working concentration of 0.4 ug/ml is recommended, dilute the Ab with Dilution Buffer. Cloud-Clone's product of Dilution Buffer (Catalog: IS0053) is highly recommended.

Notes: The recommended Cloud-Clone's products of diluents and buffers are validated in the lab, other reagents selected for use can alter the performance of an immunoassay.

[STORAGE]

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Please make all solutions fresh before the experiment.

Notes: Please avoid pollution.

[In-House Data]

1. 6 ug/ml Capture Ab and 0.4 ug/ml Detection Ab were used as antibody pairs in sandwich ELISA with detection range of 7.8-500 ng/mL.
2. Serum/plasma samples require about 1,000-2,000 fold dilution for detection in the above ELISA.