

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 CTGF in ELISA, CLIA, ELISPOT, Luminex, Immunochromatography and other immunoassays.

[CONTENTS AND PROPERTIES]

Content 1: Standard

Traits	Quantity	Vials	Components
Freeze-dried powder	200 ng/vial	1 vial	E.coli derived Recombinant CTGF in BSA solution

Content 2: Capture Antibody to CTGF

Quantity	900 ug	Vials	1 vial
Concentration	4.4mg/mL	Host	Mouse
Clone Number	P3A7	Isotype	IgG2b κ
Traits	Liquid	Buffer	0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

Content 3: Detection Antibody to CTGF

Quantity	70 ug	Vials	1 vial
Concentration	290 ug/mL	Host	Mouse
Clone Number	P3A9	Isotype	IgG2b 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 8 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 0.6 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. 8 ug/mL Capture Ab and 0.6 ug/mL Detection Ab were used as antibody pairs in sandwich ELISA with detection range of 15.6-1,000pg/mL.
2. Serum/plasma samples require about 100 fold dilution for detection in the above ELISA.