

# Human MANSC domain-containing protein 1 (MANSC1) ELISA Kit

Catalog No: #EK9961

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Package Size: #EK9961-1 48T #EK9961-2 96T

## Description

Product Name	Human MANSC domain-containing protein 1 (MANSC1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	9130403P13Rik; FLJ10298; LOH12CR3;
Accession No.	Q9H8J5
Uniprot	Q9H8J5
GeneID	54682;
Storage	<p>The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.</p> <p>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).</p>

## Application Details

Detect Range:0.78-50 ng/mL

Sensitivity:0.27 ng/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

## Product Description

**Detection Method:**SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate MANSC1 in samples. An antibody specific for MANSC1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyMANSC1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MANSC1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MANSC1 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**MANSC1 Contains 1 MANSC domain. MANSC: a seven-cysteine-containing domain present in animal membrane and extracellular proteins.MANSC (motif at N terminus with seven cysteines) is a novel domain with a well-conserved seven-cysteine motif that is present at the N terminus of membrane and extracellular proteins, including low-density lipoprotein receptor-related protein 11 (LRP-11), hepatocyte growth factor activator inhibitor 1 (HAI-1) and some uncharacterized proteins encoded by multicellular animals from Mollusca to Chordata. the MANSC domain in HAI-1 might function through binding with hepatocyte growth factor activator and matriptase.

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Note: This product is for in vitro research use only