



# Human leucine-rich alpha-2 glycoprotein 1(LRG1) ELISA Kit

<b>Product Code</b>	CSB-E12962h
<b>Abbreviation</b>	LRG1
<b>Target Name</b>	leucine-rich alpha-2-glycoprotein 1
<b>Uniprot No.</b>	P02750
<b>Alias</b>	HMFT1766, LRG, 1300008B03Rik 2310031E04Rik leucine rich alpha 2 glycoprotein
<b>Product Type</b>	ELISA Kit
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Sample Types</b>	serum, urine, tissue homogenates
<b>Detection Range</b>	0.156 µg/mL-40 µg/mL
<b>Sensitivity</b>	0.156 µg/mL
<b>Assay Time</b>	1-5h
<b>Sample Volume</b>	50-100ul
<b>Detection Wavelength</b>	450 nm
<b>Lead Time</b>	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
<b>Research Area</b>	Immunology
<b>Quality Control</b>	<p>A microplate reader capable of measuring absorbance at 450 nm, with the correction wavelength set at 540 nm - 570 nm.</p> <p>An incubator that can provide stable incubation conditions up to 37°C±5°C.</p> <p>Centrifuge</p> <p>Vortex</p> <p>Squirt bottle, manifold dispenser, or automated microplate washer</p> <p>Absorbent paper for blotting the microtiter plate</p> <p>50-300ul multi-channel micropipette</p> <p>Pipette tips</p> <p>Single-channel micropipette with different ranges</p> <p>100ml and 500ml graduated cylinders</p> <p>Deionized or distilled water</p> <p>Timer</p> <p>Test tubes for dilution</p>
<b>Gene Names</b>	LRG1
<b>Tag Info</b>	quantitative
<b>Protein Description</b>	Competitive
<b>Component</b>	A 96-well Assay plate --The 96-well plate has been pre-coated with LRG1.



Standard (2 x 250 µl)--Dilute the standard at dilution series, read the OD values, and then draw a standard curve.

Anti-human LRG1 antibody (100 x concentrate) (1 x 60 µl)

Antibody Diluent (1 x 10 ml) --Dilute the anti-human LRG1

HRP-conjugated goat-anti-mouse LRG1 antibody (100 x concentrate) (1 x 120 µl) --Act as the detection antibody.

HRP-conjugate Diluent (1 x 20 ml) --Dilute the HRP-conjugated LRG1

Sample Diluent (2 x 20 ml) --Reconstitute the standard and dilute the sample to an appropriate concentration.

Wash Buffer (25x concentrate) (1 x 20 ml)--Wash away unbound or free substances.

TMB Substrate (1x 10 ml) --Act as the chromogenic agent. TMB interacts with HRP, eliciting the solution turns blue.

Stop Solution (1 x 10ml) --Stop the color reaction. The solution color immediately turns from blue to yellow.

Four Adhesive Strips (For 96 wells)

An Instruction manual

## Description

This Human LRG1 ELISA Kit was designed for the quantitative measurement of Human LRG1 protein in serum, urine, tissue homogenates. It is a Competitive ELISA kit, its detection range is 0.156 µg/mL-40 µg/mL and the sensitivity is 0.156 µg/mL.

## Product Precision

## Linearity

## Recovery

## Typical