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Datasheet for ABIN2703119

IGF2R ELISA Kit

1 Image

Overview

Quantity: 96 tests

Target: IGF2R

Reactivity: Human

Method Type: Sandwich ELISA

Detection Range: 0.27-200 ng/mL

Minimum Detection Limit: 0.27 ng/mL

Application: ELISA

Product Details

Purpose: Human IGF-2 R ELISA Kit for Cell Culture Supernatants, Plasma, and Serum samples.

Sample Type: Cell Culture Supernatant, Plasma, Serum

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: The antibody pair provided in this kit recognizes Human Insulin-Like Growth Factor type II Receptor.

Sensitivity: 0.27 ng/mL

Characteristics:

- Strip plates and additional reagents allow for use in multiple experiments
- Quantitative protein detection
- Establishes normal range
- The best products for confirmation of antibody array data

Product Details

Components:	<ul style="list-style-type: none">• Pre-Coated 96-well Strip Microplate• Wash Buffer• Stop Solution• Assay Diluent(s)• Lyophilized Standard• Biotinylated Detection Antibody• Streptavidin-Conjugated HRP• TMB One-Step Substrate
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Material not included:	<ul style="list-style-type: none">• Distilled or deionized water• Precision pipettes to deliver 2 µL to 1 µL volumes• Adjustable 1-25 µL pipettes for reagent preparation• 100 µL and 1 liter graduated cylinders• Tubes to prepare standard and sample dilutions• Absorbent paper• Microplate reader capable of measuring absorbance at 450nm• Log-log graph paper or computer and software for ELISA data analysis
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Target Details

Target:	IGF2R
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Alternative Name:	IGF2R (IGF2R Products)
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Background:	Gene Names: IGF2R MPRI Protein names: Cation-independent mannose-6-phosphate receptor (CI Man-6-P receptor) (CI-MPR) (M6PR) (300 kDa mannose 6-phosphate receptor) (MPR 300) (Insulin-like growth factor 2 receptor) (Insulin-like growth factor II receptor) (IGF-II receptor) (M6P/IGF2 receptor) (M6P/IGF2R) (CD antigen CD222)
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Gene ID:	3482
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UniProt:	P11717
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Application Details

Application Notes:	Recommended Dilution for serum and plasma samples 2 fold
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Sample Volume:	100 µL
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Plate:	Pre-coated
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Protocol:	<ol style="list-style-type: none">1. Prepare all reagents, samples and standards as instructed in the manual.2. Add 100 µL of standard or sample to each well.
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Application Details

3. Incubate 2.5 h at RT or O/N at 4 °C.
4. Add 100 µL of prepared biotin antibody to each well.
5. Incubate 1 h at RT.
6. Add 100 µL of prepared Streptavidin solution to each well.
7. Incubate 45 min at RT.
8. Add 100 µL of TMB One-Step Substrate Reagent to each well.
9. Incubate 30 min at RT.
10. Add 50 µL of Stop Solution to each well.
11. Read at 450 nm immediately.

Restrictions: For Research Use only

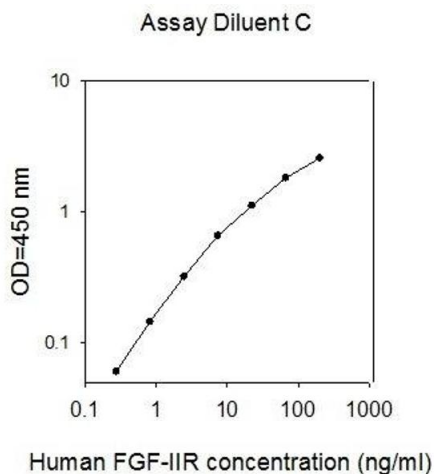
Handling

Storage: -20 °C

Storage Comment: The entire kit may be stored at -20°C for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it is recommended to store at -80°C.

Expiry Date: 6 months

Images



ELISA

Image 1.