

Datasheet for ABIN2748639
FRZB ELISA Kit



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Overview

Quantity:	96 tests
Target:	FRZB
Reactivity:	Rhesus Monkey
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	Custom Rhesus Macaque Secreted Frizzled-Related Protein 3 (FRZB) ELISA Kit.
Sample Type:	Cell Culture Supernatant, Cell Lysate, Plasma, Serum, Tissue Lysate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	The antibody pair provided in this kit recognizes Rhesus Macaque Secreted Frizzled-Related Protein 3 (FRZB)
Characteristics:	<ul style="list-style-type: none">• 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
Components:	<ul style="list-style-type: none">• Pre-Coated 96-well Strip Microplate• Wash Buffer• Stop Solution• Assay Diluent(s)• Lyophilized Standard

Product Details

- Biotinylated Detection Antibody
- Streptavidin-Conjugated HRP
- TMB One-Step Substrate

- Material not included:
- 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

Target Details

Target:	FRZB
Alternative Name:	sFRP-3 (FRZB Products)
Background:	Secreted Frizzled-Related Protein 3 (FRZB)
Gene ID:	706048
UniProt:	F7BWZ1
Pathways:	WNT Signaling, Positive Regulation of fat Cell Differentiation

Application Details

Sample Volume:	100 µL
Plate:	Pre-coated
Protocol:	<div><div>1. Prepare all reagents, samples and standards as instructed in the manual.</div><div>2. Add 100 µL of standard or sample to each well.</div><div>3. Incubate 2.5 h at RT or O/N at 4 °C.</div><div>4. Add 100 µL of prepared biotin antibody to each well.</div><div>5. Incubate 1 h at RT.</div><div>6. Add 100 µL of prepared Streptavidin solution to each well.</div><div>7. Incubate 45 min at RT.</div><div>8. Add 100 µL of TMB One-Step Substrate Reagent to each well.</div><div>9. Incubate 30 min at RT.</div><div>10. Add 50 µL of Stop Solution to each well.</div><div>11. Read at 450 nm immediately.</div></div>

Application Details

Assay Procedure: Prepare all reagents, samples and standards as instructed in the manual. Add 100 µL of standard or sample to each well. Incubate 2.5 h at RT or O/N at 4 °C. Add 100 µL of prepared biotin antibody to each well. Incubate 1 h at RT. Add 100 µL of prepared Streptavidin solution to each well. Incubate 45 min at RT. Add 100 µL of TMB One-Step Substrate Reagent to each well. Incubate 30 min at RT. Add 50 µL of Stop Solution to each well. 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