

Datasheet for ABIN6951459 **IGF1 ELISA Kit**

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Overview

Quantity:	96 tests
Target:	IGF1
Reactivity:	Pig
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	Porcine IGF-1 ELISA Kit.
Sample Type:	Cell Culture Supernatant, Cell Samples, Plasma, Serum, Tissue Lysate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
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
Components:	• 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

Product Details

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
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Target Details

Target:	IGF1
Alternative Name:	IGF-1 (IGF1 Products)
Gene ID:	397491
UniProt:	P16545
Pathways:	RTK Signaling , Intracellular Steroid Hormone Receptor Signaling Pathway , Peptide Hormone Metabolism , Hormone Activity , Regulation of Intracellular Steroid Hormone Receptor Signaling , Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , Stem Cell Maintenance , Glycosaminoglycan Metabolic Process , Regulation of Carbohydrate Metabolic Process , Autophagy , Smooth Muscle Cell Migration , Activated T Cell Proliferation , Positive Regulation of fat Cell Differentiation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Plate:	Pre-coated
Protocol:	1. Prepare all reagents, samples and standards as instructed in the manual. 2. Add 100 µl of standard or sample to each well. 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.

Application Details

Restrictions: For Research Use only

Handling

Expiry Date: 6 months