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Datasheet for ABIN4885228

GAS6 ELISA Kit

Overview

Quantity: 96 tests

Target: GAS6

Reactivity: Human

Method Type: Sandwich ELISA

Application: ELISA

Product Details

Purpose: Custom Human Gas 6 SpeedELISA Kit.

Brand: SpeedELISA

Sample Type: Cell Culture Supernatant, Cell Lysate, Plasma, Serum, Tissue Lysate

Analytical Method: Quantitative

Detection Method: Colorimetric

Characteristics:

- Compressed workflow with only one wash step and three incubation steps
- 3 hours total processing time
- 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:

- Streptavidin-Coated 96-well Strip Microplate
- Wash Buffer
- Stop Solution
- Assay Diluent(s)

Product Details

- Lyophilized Standard
- Biotinylated Capture Antibody
- HRP Conjugated Detection Antibody
- 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: GAS6

Alternative Name: Gas 6 ([GAS6 Products](#))

Gene ID: 2621

UniProt: [Q14393](#)

Pathways: [RTK Signaling](#), [Carbohydrate Homeostasis](#), [Production of Molecular Mediator of Immune Response](#)

Application Details

Sample Volume: 100 µL

Assay Time: 3 h

Plate: Pre-coated

Protocol:

1. Prepare all reagents, samples and standards as instructed in the manual.
2. Add 70 µL of the Antibody Cocktail to each well.
3. Incubate 10 minutes at RT.
4. Add 50 µL of sample or standard to each well.
5. Incubate 2 h at RT.
6. Wash Wells
7. Add 100 µL of TMB One-Step Substrate Reagent to each well.
8. Incubate 30 min at RT.
9. Add 50 µL of Stop Solution to each well.
10. Read at 450 nm immediately.

Application Details

Restrictions: For Research Use only

Handling

Storage: -20 °C

Storage Comment: May be stored for up to 6 months at 2° to 8°C from the date of shipment. Opened Microplate Wells or reagents may be store for up to 1 month at 2° to 8°C. Return unused wells to the pouch containing desiccant pack, reseal along entire edge. Reconstituted standard can be stored at -80°C for up to 1 week.

Note: the kit can be used within one year if the whole kit is stored at -20°C. Avoid repeated freeze-thaw cycles.

Expiry Date: 6 months