

Datasheet for ABIN4885357
TGFBR3 ELISA Kit



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Overview

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|--------------|----------------|
| Quantity: | 96 tests |
| Target: | TGFBR3 |
| Reactivity: | Human |
| Method Type: | Sandwich ELISA |
| Application: | ELISA |

Product Details

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|--------------------|---|
| Purpose: | Custom Human TGF beta R3 SpeedELISA Kit. |
| Brand: | SpeedELISA |
| Sample Type: | Plasma, Cell Culture Supernatant, Serum |
| Analytical Method: | Quantitative |
| Detection Method: | Colorimetric |
| Characteristics: | <ul style="list-style-type: none">• 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: | <ul style="list-style-type: none">• 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 μ L to 1 μ L volumes
- Adjustable 1-25 μ L pipettes for reagent preparation
- 100 μ L 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: TGFBR3

Alternative Name: TGF beta R3 ([TGFBR3 Products](#))

Gene ID: 7049

UniProt: [Q03167](#)

Application Details

Sample Volume: 100 μ L

Assay Time: 3 h

Plate: Pre-coated

Protocol:

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

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