



[Go to Product page](#)

Datasheet for ABIN5706904
Myosin X ELISA Kit

Overview

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|--------------------------|------------------------|
| Quantity: | 96 tests |
| Target: | Myosin X (MYO10) |
| Reactivity: | Human |
| Method Type: | Competition ELISA |
| Detection Range: | 0.312 ng/mL - 20 ng/mL |
| Minimum Detection Limit: | 0.312 ng/mL |
| Application: | ELISA |

Product Details

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|--------------------|--|
| Purpose: | The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of MYO10 in human serum, plasma, tissue homogenates |
| Sample Type: | Plasma, Serum, Tissue Homogenate |
| Analytical Method: | Quantitative |
| Detection Method: | Colorimetric |
| Sensitivity: | 0.114 ng/mL |

Target Details

| | |
|-------------|---|
| Target: | Myosin X (MYO10) |
| Abstract: | MYO10 Products |
| Background: | Alternative name: Unconventional Myosin-X, Unconventional Myosin-10 |

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Pre-coated, ready to use 96-well strip plate,
Standard (freeze dried),
Standard Diluent,
Detection Reagent A,
Detection Reagent B,
Assay Diluent A,
Assay Diluent B,
TMB substrate,
Stop Solution,
Wash Buffer(30 x concenthumane),
Plate sealer for 96 wells,
Instruction manual

Sample Volume: 50 μ L

Assay Time: 1 - 4.5 h

Plate: Pre-coated

Protocol:

1. Prepare all reagents, samples and standards
2. Add 50 μ L standard or sample to each well.
And then add 50 μ L prepared Detection Reagent A immediately.
Shake and mix. Incubate 1 hour at 37°C
3. Aspirate and wash 3 times
4. Add 100 μ L prepared Detection Reagent B. Incubate 1 hour at 37°C
5. Aspirate and wash 5 times
6. Add 90 μ L Substrate Solution. Incubate 15-25 minutes at 37°C
7. Add 50 μ L Stop Solution. Read at 450 nm immediately.

Restrictions: For Research Use only

Handling

Storage: 4 °C

Expiry Date: 12 months
