

AffiELISA® Human Myostatin

AFG-E5679

KIT COMPONENTS:

1. ELISA Plate	1 EA
2. Standard Lyoph	2 Vials
3. Biotinylated Ab	120 µL
4. Streptavidin HRP	120 µL
5. Standard/Sample Diluent	20 mL
6. Biotinylated Ab Diluent	12 mL
7. HRP Diluent	12 mL
8. Wash Buffer	20 mL
9. TMB Substrate	10 mL
10. Stop Reagent	6 mL

KIT SPECIFICATIONS:

ELISA Type	Sandwich
Target	Myostatin
Species	Human
Assay Range	0.79-50 ng/mL
Sensitivity	0.264 ng/mL
Reader	450 ± 10 nm
Storage	+4°C
Shelf Life	6 months
Extended	1 Year at -20°C

REAGENTS PREPARATION:

Standard Solution 50 ng/mL : Reconstitute with 1.0 mL of Standard Diluent Buffer.

Wash Solution: Dilute 20 mL of Wash Buffer with 480 mL of DI water.

STANDARD CURVE:

Cascade Dilution of the Standard Solution using Standard Diluent.

S0 (50 ng/mL) - **S1** (25 ng/mL) - **S2** (12.5 ng/mL) - **S3** (6.25 ng/mL) - **S4** (3.13 ng/mL) - **S5** (1.57 ng/mL) - **S6** (0.79 ng/mL) - **S7** (0 ng/mL).

ASSAY STEPS:

	Blank	Standard	Sample
Standard	0 µL	100 µL	0 µL
Sample	0 µL	0 µL	100 µL
80 min plate incubation at 37°C. Then wash the plate 3 times.			
Biotinylated Ab	100 µL	100 µL	100 µL
50 min plate incubation at 37°C. Then wash the plate 3 times.			
Streptavidin HRP	100 µL	100 µL	100 µL
50 min plate incubation at 37°C. Then wash the plate 5 times.			
TMB Substrate	90 µL	90 µL	90 µL
20 min plate incubation in dark at 37°C. Don't exceed 30 min.			
Stop Solution	50 µL	50 µL	50 µL

FOR RESEARCH USE ONLY!
Not to be used for diagnostic or therapeutic purposes.

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