

## PRODUCT INFORMATION SUMMARY

### Mouse IGF-I ELISA Construction Kit

Product Number RMF438CK

Approx. 960 tests

**RMF438CKP** w/ Developing reagents & ten ELISA plates

Product Number **RMF438CKC**

**With Developing Reagents:**

<b>Capture Antibody</b>	<b>100.0 ug</b>	ELISA Coating Stabilizer	50 mL
Biotin-Labeled tracer	25.0 ug	Streptavidin-HRP	0.5 mL
Antigen Standard	1.0 ug or 10.0 ug	TMB Substrate	( 50 mL x 2)

#### DESCRIPTION:

This ELISA CONSTRUCTION Kit provides antigen affinity purified capture and tracer antibodies, and antigen standard sufficient for **approximately** ten microplates

Note: Reconstitute components only when ready to run assay.

#### CAPTURE ANTIBODY:

Provided as lyophilized, **100.0 ug**, additive-free. Reconstitute in 1.0 mL sterile water (100.0 ug/mL).

#### TRACER ANTIBODY:

Provided as 25 ug of Biotin labeled, antigen-affinity purified antibody, additive-free. Reconstitute lyophilized vial with 250 uL of distilled or sterile water **containing 0.1% BSA**.

For tracer provided as Liquid ( 0.5 mL) - further dilute in PBS containing 0.1 % BSA

**STANDARD:** Provided as 1.0 ug or 10.0 ug of recombinant Mouse IGF-I. ( see vial) Quick-spin and reconstitute in 50 uL of distilled water. Further dilutions can be made in 0.1% BSA in PBS.

**DEVELOPING REAGENTS:** Supplied with catalog # ending in "CKC".

- ELISA Coating/ Blocking Reagent ( EA150C) 50.0 mL ( 5X Solution)
- Streptavidin-HRP ( S100180C) 0.5 mL - store @ -20 Deg. C.
- TMB Substrate Solutions - Part A and Part B ( 50.0 mL each) cat # ES200C
- Wash Buffer ( 20X) -Dilute 1 part with 19 parts distilled water

**HANDLING/ STORAGE:** Reconstitute reagents when ready to build ELISA assay. Antibodies (Capture and Tracer) can be stored for approximately one month at 4 Degrees C. Or store **frozen** at -20 Degrees C. for up to 6 months. Standard ( rec. Mouse IGF-I) can be stored in liquid state ( @ 4 Deg. C.) For up to one week, or store **frozen, with addition of 0.1% BSA**, at -20 Deg. C. for up to 2 months. AVOID repeat freeze-thaw.