

## 90-2254: Mouse IL-1 $\alpha$ (Interleukin-1 Alpha) Pre-Coated ELISA Kit

**Application :** ELISA

**Reactivity :** Mouse

### Description

This assay employs an antibody specific for Anti-mouse IL-1 $\alpha$  coated on a 96-well plate. Standards and samples are pipetted into the wells and IL-1 $\alpha$  present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-mouse IL-1 $\alpha$  antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of IL-1 $\alpha$  bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

### Kit Components

Item	Specifications	Storage
96 well Strip ELISA Plate	8 X 12 well	4°C
Lyophilized Standard	2 vials	-20°C
Sample and Standard Dilution Buffer	20 ml	4°C
Biotinylated Detection Antibody for mIL-1 $\alpha$	120 $\mu$ l	4°C
Antibody Dilution Buffer	10 ml	4°C
HRP Conjugated Streptavidin (SABC)	120 $\mu$ l	4°C in dark
SABC Dilution Buffer	10 ml	4°C
TMB Substrate	10 ml	4°C in dark
Stop Solution	10 ml	4°C
25X Wash Buffer	30 ml	4°C
Plate Sealer	5 pieces	
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### Product Info

**Amount :** 1 X 96 Tests  
**Content :** 1 X 96 well Format (96 tests)  
**Storage condition :** Please refer to the Manual

## Application Note

This immunoassay kit allows for the in vitro quantitative determination of Mouse IL-1a concentrations in serum, plasma and other biological fluids.

**Detection Range:** 15.6- 1000 pg/ml

**Sensitivity:** < 9.4 pg / ml

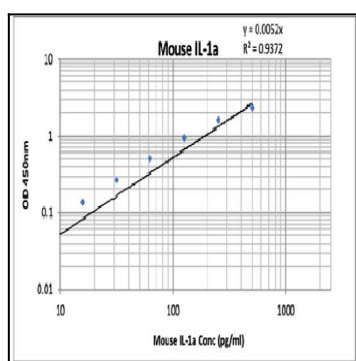


Figure-1: Mouse IL-1 $\pm$  Standard Curve.