CATALOG# 80686





RAT MYOGLOBIN ELISA KIT

Catalog number

Rat Myoglobin ELISA Kit......80686

Intended use

A high quality enzyme immunoassay for the quantification of rat myoglobin in serum and plasma.

Test principle

Crystal Chem's Rat Myoglobin ELISA kit is based on a sandwich enzyme immunoassay. The myoglobin present in the sample binds with antibodies adsorbed to the surface of the microplate. Another enzymen-labeled antibody binds, in turn, to the immobilized myoglobin. In the closing substrate reaction, the myoglobin levels of the samples can be measured by color intensity.

Specifications

| Sample Types | Serum and Plasma |
|--------------|------------------|
| Assay Time | 1.5 hours |
| Range | 6.25 - 200 ng/mL |
| Sample Size | 50 μL |
| Sensitivity | 3.6 ng/mL |
| Precision | CV < 10% |

Highlights

- ✓ Kits use only 50 μL sample
- √ Very sensitive (3.6 ng/mL)
- √ High cross-reactivity to GLP-2 (1-33)
- ✓ Wide dynamic range

Summary of protocol

Add 100 µL diluted sample or standard to well plate

Incubate 1 hour at room temperature

Wash plate

Add 100 µL of enzyme conjugate

Incubate 30 minutes at room temperature

Wash plate

Add 100 µL of substrate solution

Incubate 10 minutes at room temperature in the dark

Add 100 µL of stop solution

Measure OD at 450/630 nm

