# CATALOG# 80350 MOUSE CREATININE ASSAY KIT



## **Catalog number**

Mouse Creatinine Assay Kit......80350

#### **Intended use**

A high quality enzymatic assay for the quantification of mouse creatinine in serum and urine.

### **Test principle**

Crystal Chem's Mouse Creatinine kit is a quick, easy to use enzymatic procedure. The enzymatic assay for mouse creatinine involves a series of enzymatic reactions including enzymatic conversion of creatinine into creatine which is then converted to sarcosine. This is followed by the oxidation of sarcosine to produce hydrogen peroxide. In the presence of peroxidase, the hydrogen peroxide can then be quantified at 550 nm and a quantitative determination of creatinine can be made.

# **Specifications**

Sample Types	Serum, Urine
Assay Time	15 minutes
Range (Serum)	0.15 - 13.5 mg/dL
Range (Urine)	0.15 - 141 mg/dL
Sample Size	8 µL
Precision	CV < 10%
Sensitivity	0.15 mg/dL

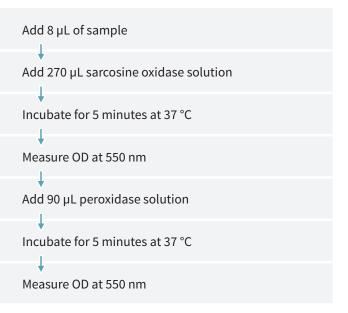
### **Optional Control**

Control for Mouse Creatinine Assay Kit.....Cat# 80353

## Highlights

- ✓ Kit uses < 10 µL sample</p>
- ✓ Fast assay time (15 minutes)
- ✓ Adaptable to range of instruments
- ✓ Optimized for mouse samples

#### **Summary of protocol**



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