# abcam

# Product datasheet

# Rat Myoglobin ELISA Kit ab157739

1 References 1 图像

概述

回收率

产品名称 大鼠Myoglobin ELISA试剂盒

检**测方法** Colorimetric

 精确度

 样品
 n
 Mean
 SD
 CV%

Overall <10%

Overall < 10%

样品 n Mean SD CV%
Overall <10%

样**品**类型 Serum, Plasma

检测类型 Sandwich (quantitative)

**灵敏度** 3.365 ng/ml

**范围** 6.25 ng/ml - 200 ng/ml

0.20 fig/fill 200 fig/fill

样品类型 平均% 范围

Serum > 85 % - %

实验步骤 Multiple steps standard assay

种属反应性 与反应: Rat

产品概述 Abcam's Myoglobin Rat ELISA Kit is a two-site enzyme-linked immunosorbent assay (ELISA) for the quantitative measurement of Myoglobin levels in rat serum and plasma.

In this assay the Myoglobin present in samples reacts with the anti-Myoglobin antibodies which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, anti-Myoglobin antibodies conjugated with horseradish peroxidase (HRP), are added. These enzyme-labeled antibodies form complexes with the previously bound Myoglobin. Following another washing step, the enzyme bound to the immunosorbent is assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of Myoglobin in the sample tested; thus, the

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批次间

特定样本回收率

absorbance, at 450 nm, is a measure of the concentration of Myoglobin in the test sample. The quantity of Myoglobin in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution.

平台

Microplate

### 性能

#### 存放说明

Please refer to protocols.

组件	1 x 96 tests
100X HRP-conjugated anti-rat Myoglobin antibody	1 x 150µl
20X Wash Buffer Concentrate	1 x 50ml
5X Diluent Concentrate	1 x 50ml
Chromogen Substrate Solution	1 x 12ml
Rat Myoglobin Calibrator (lyophilized)	1 vial
Rat Myoglobin ELISA Microplate	1 unit
Stop Solution	1 x 12ml

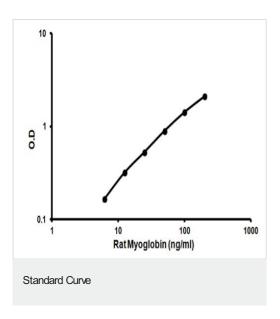
# 功能

序列相似性

Serves as a reserve supply of oxygen and facilitates the movement of oxygen within muscles.

Belongs to the globin family.

## 图片



Representative standard curve using ab157739 Myoglobin Rat ELISA Kit.

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