

Native Human Myoglobin

Cat. No. NATE-1880

Lot. No. (See product label)

Introduction

Description

Whereas hemoglobin is the carrier of oxygen, myoglobin stores oxygen in the tissues. Like hemoglobin, it also contains a noncovalently bound heme group. The molecule of myoglobin consists of a single polypeptide chain with molecular weight of 16,000 and sequence analysis shows that it has similarities with hemoglobin. Following myocardial infraction myoglobin is lost from cardiac muscle cells and its presence in serum may be used as a diagnostic indicator.

Synonyms

Myoglobin; Human Myoglobin

Product Information

Species

Human

Source

Human Heart/Muscle

Form

Freeze-dried powder

Purity

0.99

Solubility

Soluble in water or dilute buffer

Storage and Shipping Information

Storage

Store at -20° C