

Native Human Oxyhemoglobin

Cat. No. NATE-1881

Lot. No. (See product label)

Introduction

Description

Hemoglobin is found in the erythrocytes of all vertebrates. It is a conjugated protein with the prosthetic group heme which contains iron. The heme group is involved with the transport of oxygen from the lungs to tissues, while the globin portion of hemoglobin plays a major role in transporting carbon dioxide from the tissues to the lungs. The iron in heme is in the ferrous state. In oxyhemoglobin, it is apparently still in the ferrous state, but the oxygen is loosely bound to it.

Synonyms

Oxyhemoglobin; hemoglobin; Human Oxyhemoglobin

Product Information

Species

Human

Source

Human Erythrocytes

Form

Freeze-dried powder

Purity

90% (biuret)

Activity

At least 50 U/mg protein

Solubility

Soluble in distilled water or dilute buffer

Storage and Shipping Information

Storage

Store at -20° C