

Certificate of Analysis

Product Name: Hemoglobin Assay Kit

Catalog No.: Z5030026

Shipping Condition: Room Temperature

Storage Condition: 4°C

Shelf Life: One year from the date of receipt under proper storage conditions

Description

Hemoglobin (Hb) is made of four globin chains each carrying a heme group. It is carried by red blood cells and transports oxygen from the lungs to the peripheral tissues to maintain the viability of cells. Quantitation of blood hemoglobin has been a key diagnostic parameter for various diseases such as anemia, polycythemia and dehydration.

Simple, direct and automation-ready procedures for measuring hemoglobin concentration are becoming popular in Research and Drug Discovery. Biochain's hemoglobin assay kit is based on an improved Triton/NaOH method, in which the hemoglobin is converted into a uniform colored end product. The intensity of color, measured at 400 nm, is directly proportional to hemoglobin concentration in the sample. The optimized formulation exhibits high sensitivity and substantially reduces interference by substances in the raw samples.

Components

1. One Kit
2. User Manual
3. Certificate of Analysis
4. SDS

FOR IN VITRO RESEARCH USE ONLY

APPROVED BY: _____

