



## Hemoglobin Content Assay kit

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Hemoglobin (Hb) is a cofactor-containing protein with heme as prosthetic group, which plays an important role in transporting and storing oxygen. It is comprised of two alpha and two beta chains. Each chain has a cyclic tetrapyrrole heme containing an iron atom. Oxygen binds to iron atoms and is transported in the blood. The improved aqueous alkaline method is used to measure Hb concentration. Hb could react with working solution to form colored compound, which has an absorption peak at 400nm. Changes of the absorbance at 400nm could be measured to reflect Hb content.

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|-------------------|----------------------------------------|
| Catalog No.       | 250558                                 |
| Size              | 50 Assays / 100 Assays                 |
| Product Category  | Colorimetric Assay                     |
| Detection Method  | Spectrophotometry / Micro-Plate Reader |
| Storage/Stability | 2-8°C/6 months                         |
| Shipping          | Gel Packs                              |