Methemoglobin Content Assay kit

Methemoglobin (MetHb) is the oxidation of hemoglobin (Hb), which ferrous ions areoxidizedto ferric ions in hemoglobin. Hemoglobin can transport oxygen, but methemoglobin cannot. MetHbcontent can reflect oxygen carrying capacity of blood and red blood cell substitutes. It is importantto detect MetHb content for diagnosis of methemoglobinemia and development of redbloodcellsubstitutes. Hemoglobin binds to oxygen to form oxyhemoglobin and the latter is deoxidizedtoformdeoxyhemoglobin. Rates of each component mass concentration can be calculatedbytheirextinction coefficients and absorptions at 560nm, 576nm and 630nm. After measuringtotal Hbcontent, MetHb content of sample can be calculated by the rates of each component.

Catalog No.	250560
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Storage/Stability	2-8°C/6 months
Shipping	Gel Packs