

## PRODUCT DATA SHEET

### Fluoro Cholesterol™ Total Cholesterol Detection Kit

#### Description

Cholesterol is a lipid present in the cell membranes of eukaryotes and circulates in the blood stream. It is used in the biosynthesis of hormones, and plays an important role in cell signaling processes. Cholesterol exists as a free acid, as well as, in the esterified form as cholesteryl esters. Elevated levels of cholesterol are indicated in atherosclerosis and heart disease, and are the subject of large amount of research focused on cholesterol metabolism. Fluoro Cholesterol™ – Total Cholesterol Detection Kit provides a fluorimetric or colorimetric method for determination of total cholesterol in serum and plasma samples. The assay is based on an enzyme-coupled reaction that detects both free cholesterol and cholesterol esters.

#### Product Specifications

##### Kit Components:

1. Cholesterol Probe (Part# 4022), Storage: -20°C
2. Enzyme Mix (Part# 6023), Storage: -20°C
3. 1x Reaction Buffer (Part# 3055), Storage 2-8°C
4. Cholesterol Standard (Part# 7018), Storage: -20°C
5. DMSO (Part# 7019), Storage 2-8°C

Application:	Absorbance or Fluorescence plate reader
Shipping:	SHIPPED ON BLUE ICE
Long Term Storage:	Various – Please see kit components above for specific storage conditions
Upon Arrival:	Store contents as labeled

#### Catalog Number/Sizes

Catalog #	Size (tests)
FLCHOL100-2	100

Rev.: 03/2011

**FOR RESEARCH USE ONLY.**