

CATALOG# 80470

MOUSE TOTAL BILE ACIDS ASSAY KIT

Catalog number

Mouse Total Bile Acids Assay Kit.....80470

Intended use

A high quality enzymatic assay for the quantification of mouse total bile acids in serum and plasma.

Test principle

Crystal Chem's Mouse Total Bile Acids Assay Kit is based on enzymatic technology that utilizes the unique enzymatic property of 3- α hydroxy-steroid dehydrogenase (3- α HSD). In the presence of NAD, the bile acids are converted into 3-keto steroids and NADH. The NADH formed reacts with nitrotetrazolium blue (NBT) to form a dye. The dye formation is monitored by measuring absorbance at 540nm and is directly proportional to the bile acids concentration in the mouse samples.

Specifications

Sample Types	Serum, Plasma
Assay Time	15 minutes
Range	0 - 180 μ mol/L
Sample Size	20 μ L
Precision	CV < 10%

Optional Control

Control for Mouse Total Bile Acids Assay Kit.....Cat# 80473

Useful for validating the calibration curve when running that assay for the first time or in a novel way.

Highlights

- ✓ Kits use only 20 μ L sample
- ✓ Fast assay time (15 minutes)
- ✓ Protocols for live and feces available
- ✓ Optimized for mouse samples

Summary of protocol

