

Glycogen Assay Kit

Catalogue No.: abx298978

Glycogen Assay Kit is an assay kit designed for the detection and quantification of Glycogen concentrations in animal liver and muscle tissues using a spectrophotometer. In the presence of concentrated sulfuric acid, glycogen can be dehydrated to furfural derivatives. Furfural derivatives can form blue compound with anthracenone. The concentration of the compound can be measured by colorimetric quantification at 620 nm, from which the concentration of glycogen can be determined.

Target: Glycogen**Reactivity:** General**Storage:** Shipped at 4 °C. Upon receipt, store the kit according to the storage instruction in the kit's manual.**Validity:** The validity for this kit is 12 months.**Test Range:** 1.8 mg/g tissue - 180 mg/g tissue**Sensitivity:** 1.8 mg/g tissue**Detection Method:** Colorimetric**Assay Data:** Quantitative**Sample Type:** Animal liver and muscle tissue.**CAS Number:** 9005-79-2**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.