



Alkaloid Content Assay kit

Alkaloids are a class of naturally occurring alkaline organic compounds with complex molecular structures, mostly derivatives of nitrogen-containing heterocyclic compounds. Many alkaloids have significant biological activities and are the main active ingredients of non-prescription Chinese herbal medicines. Some of them have antipyretic, analgesic, antitussive, lipid-lowering, anti-oxidation, and in vitro inhibition of tumor cell proliferation. They are widely used in medicine, chemical industry, food processing and other fields. The alkaloid reacts with bromocresol green to form a yellow-green compound with a characteristic absorption peak at 416 nm. The content of alkaloid can be calculated by measuring the absorbance value.

Catalog No.	250623
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