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## Product Datasheet

### **CheKine(TM) Micro Alanine Aminotransferase (ALT/GPT) Activity Assay Kit ASC-KTB1410**

Article Name	CheKine(TM) Micro Alanine Aminotransferase (ALT/GPT) Activity Assay Kit
Biozol Catalog Number	ASC-KTB1410
Supplier Catalog Number	KTB1410
Alternative Catalog Number	ASC-KTB1410-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Product Description	Abbkine CheKine(TM) Alanine Aminotransferase (ALT/GPT) Activity Colorimetric Assay Kit is designed for detecting ALT/GPT activity in the sample....
Tag	ALT/GPT
Application Notes	The kit provides a simple method for detecting ALT/GPT activity in a variety of biological samples such as animal tissues, plant tissues, cell culture: adherent or suspension cells, serum, bacterial. In the assay, ALT catalyzes the transamination reaction of alpha-ketoglutarate and alanine at 37C and pH7.4 to produce glutamic acid and pyruvate, pyruvate can react with 2,4-dinitrophenylhydrazine to form Pyruvate phenylhydrazone, which appears brownish red under alkaline conditions and has a characteristic absorption peak at 505 nm. The rate of pyruvate phenylhydrazone increase at 505 nm can reflect ALT/GPT activity.