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## Product Datasheet

### **CheKine(TM) Micro Aspartate Aminotransferase (AST/GOT) Activity Assay Kit ASC-KTB1420**

Article Name	CheKine(TM) Micro Aspartate Aminotransferase (AST/GOT) Activity Assay Kit
Biozol Catalog Number	ASC-KTB1420
Supplier Catalog Number	KTB1420
Alternative Catalog Number	ASC-KTB1420-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Product Description	Abbkine CheKine(TM) Aspartate Aminotransferase (AST/GOT) Activity Colorimetric Assay Kit is designed for detecting AST/GOT activity in the sample....
Tag	AST/GOT
Application Notes	The kit provides a simple method for detecting AST/GOT activity in a variety of biological samples such as animal tissues, plant tissues, cell culture: adherent or suspension cells, serum, bacterial. In the assay, Aspartate aminotransferase (AST) catalyzes the transamination reaction of alpha-ketoglutarate and L-aspartic acid at 37C and pH 7.4 to produce glutamic acid and pyruvate, Pyruvate can interact with 2,4- Dinitrophenylhydrazine to produce 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 AST/GOT activity.