



Acetolactate Synthase Activity Assay kit

Acetolactate Synthase (ALS, EC 4.1.3.18), also known as Acetohydroxyacid synthase (AHAS). ALS is present in plant growth and is a key enzyme in the induction of the biosynthesis of the branched-chain amino acids (Ile, Leu, and Val) during the The key enzyme in the first stage of biosynthesis of branched chain amino acids (Ile, Leu, Val). ALS catalyzes the formation of acetolactate from pyruvate, which is decarboxylated under certain conditions to form acetoin, which reacts with creatine and alpha-naphthol under alkaline conditions to form a red substance with a maximum absorbance value at 525 nm.

Catalog No.	250552
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/6 months
Shipping	Gel Packs