

Fructosyl-Amino Acid Oxidase (FAOD)

Product Information

Cat#	DIA-702
Descriptions	Fructosyl-amino Acid Oxidase (FAOD) specifically catalyzes the oxidative deglycation of fructosyl amino acids to generate glucosone, amino acids and hydrogen peroxide, is a core enzyme for glycated hemoglobin detection, and supports diabetes diagnostic reagent development and glycation research.
Applications	Fructosyl-amino Acid Oxidase (FAOD) serves as a core raw material for glycated hemoglobin detection kits and glycation level assay reagent development.
CAS No.	9010-66-6
Enzyme Commission Number	EC 1.5.3
Enzyme Source	Recombinant from microorganism.
Form	Yellow amorphous powder, lyophilized
Activity	≥ 4 U/mg
Activity Definition	One unit (U) is defined as the amount of enzyme which produces 1 μmol of H ₂ O ₂ per min under the conditions described below.
Purity	≥ 90% by SDS-PAGE
Storage	At least one year at -20 °C.