

Product:	D-AMINO ACID OXIDASE
Product code:	DOX2
E.C. number:	1.4.3.3
CAS number:	9000-88-8
EINECS number:	232-563-5
Systematic name:	D-Amino-acid:oxygen oxidoreductase (deaminating).
Source:	Porcine kidney
Form:	A freeze-dried material.
Storage conditions:	Store desiccated at -15°C or below. Allow to come to room temperature before opening. Before returning to storage, re-desiccate under vacuum over silica gel for a minimum of four hours. Re-seal before returning to -15°C or below.
Unit definition:	That amount of enzyme causing the transformation of one micromole of D-alanine to pyruvate per minute at 25°C and pH 8.3 in the presence of catalase.
Activity:	Not less than 6,000 U/g material (not less than 7,000 U/g protein). This material is fully active without the addition of FAD.
Solubility:	Dissolves readily at 5mg/ml in analytical grade water to give a clear solution.