

## Isoamylase HP (Glycogen 6-glucanohydrolase)

### Product Information

<b>Cat#</b>	DIA-533
<b>Source</b>	Pseudomonas sp.
<b>Description</b>	High purity Isoamylase HP (glycogen 6-glucanohydrolase) for use in research, biochemical enzyme assays and in vitro diagnostic analysis. Suitable for use in ISO Standard 6647-1:2015.
<b>Form</b>	Suspension
<b>ECNumber</b>	3.2.1.68
<b>Activity</b>	~ 240 U/mg (40 °C, pH 4.0 on oyster glycogen)
<b>Stability</b>	> 1 year under recommended storage conditions
<b>Unit Definition</b>	One unit of isoamylase activity is the amount of enzyme required to release one $\mu$ mole of D-glucose reducing sugar equivalent in the presence of oyster glycogen per min at pH 4.0 and 40 °C.
<b>Storage</b>	2–8 °C
<b>Synonyms</b>	Isoamylase; glycogen 6- $\alpha$ -D-glucanohydrolase
<b>Applications</b>	Applications in carbohydrate research and in the food and feeds, and cereals industry.
<b>Molecular Weight</b>	71500 Da
<b>Concentration</b>	~ 500 U/mL
<b>Specificity</b>	Hydrolysis of (1,6)- $\alpha$ -D-glucosidic branch linkages in glycogen, amylopectin and their $\beta$ -limit dextrins.