

Amylase

Cat. No.:	HY-B2192
CAS No.:	9000-92-4
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Amylase

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : < 0.1 mg/mL (insoluble)
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BIOLOGICAL ACTIVITY

Description	Amylase is an enzyme produced by pancreas and salivary glands, catalyzing the hydrolysis of starch into sugars. Amylase are broadly classified into α , β , and γ subtypes ^{[1][2]} .
In Vitro	A mixture of glycosylated amylase and proline-rich proteins or fractions containing mostly non-glycosylated amylase predominantly promotes adhesion of <i>S. gordonii</i> G9B. Fractions containing amylase do not promote adhesion of <i>S. sanguis</i> 10556 to HAP ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Scannapieco FA, et al. Salivary amylase promotes adhesion of oral streptococci to hydroxyapatite. J Dent Res. 1995 Jul;74(7):1360-6.
- [2]. Subash C. B. Gopinath, et al. Biotechnological Processes in Microbial Amylase Production. Biomed Res Int. 2017; 2017: 1272193.

Caution: Product has not been fully validated for medical applications. For research use only.

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