

Product Manual

【Product Name】

Catalase Detection Reagent

【Product Code and Packing Specification】

Code	Type	Specifications
029161	Liquid	2mL × 10 vials/box

【Product Usage】

For use in catalase assays.

【Test Principle】

Bacteria with catalase can catalyze hydrogen peroxide to produce water and new ecological oxygen, which then forms molecular oxygen and bubbles.

【Formulation】

Formulation (per vial)	Content
3% Hydrogen Peroxide	2mL

【Instructions】

Pick up an inoculation loop of the colony on the solid culture medium, place it on a clean glass slide, add a few drops of 3% hydrogen peroxide solution, and observe the results. If bubbles appear within half a minute, it is positive, and if no bubbles appear, it is negative.

【Quality Control】

Index	Quality control strain and number	Characteristic reactions
Feature observation	<i>Listeria monocytogenes</i> ATCC19115	Positive, a lot of bubbles are generated in 30 seconds Negative, no bubbles are generated in 30 seconds
	<i>Enterococcus faecalis</i> ATCC29212	Positive, a lot of bubbles are generated in 30 seconds Negative, no bubbles are generated in 30 seconds

【Storage Conditions and Shelf Life】

Store at 2-8°C away from light. Valid for 2 years.

【Waste Disposal】

After testing, the contaminated items were sterilized by high pressure sterilization at 121°C for 30 minutes.

【Executive Standard】

Q/HKSJ 0704 Guangdong Huankai Microbial Sci.& Tech.Co.,Ltd. Enterprise Standard

【Explanatory Version】

May 14, 2019

Guangdong Huankai Microbial Sci. & Tech. Co.,Ltd.

Website: www.huankai.com

Address: No.788,Shenzhou Road,Guangzhou Science City,
Guangzhou,Guangdong Province,China

Post code: 510663

Fax: 020-32078333-8619

Sales hotline: 020-32078333 ext. 8602 (extension)

Technical hotline: 020-32078333 ext. 8877, 8876 (extension)