

Product Manual

【Product Name】

Kovacs Indole Regent

【Product Code and Packing Specification】

Code	Type	Specifications
029030	Liquid	10mL

【Product Usage】

Used for indole test.

【Test Principle】

Some bacteria can decompose tryptophan in peptone to produce indole. The presence of indole can be shown by a color reaction. Indole combines with p-dimethylaminobenzaldehyde to form rose indole, a red compound.

【Formulation】

Formulation (per vial)	Content
p-Dimethylaminoformaldehyde	0.5g
Amyl alcohol	7.2mL
Concentrated hydrochloric acid	2.5mL

【Instructions】

Add 5-10 drops (about 0.25-0.5mL) of indigo reagent to the culture, shake the test tube (vial) gently, the reagent layer will turn dark red for positive samples, and will not change color for negative samples.

【Quality Control】

Index	Quality control strain and number	Characteristic reactions
Feature observation	<i>Escherichia coli</i> ATCC25922	Positive, with red ring Negative, without red ring
	<i>Enterobacter aerogenes</i> ATCC13048	Positive, with red ring Negative, without red ring

【Storage Conditions and Shelf Life】

2-8°C, store away from light, valid for two years

【Waste Disposal】

After testing, the contaminated items need to be autoclaved at 121°C for 30 minutes before processing.

【Executive Standard】

Q/HKSJ 0709 Guangdong Huankai Microbial Sci.& Tech.Co.,Ltd. Enterprise Standard

【Explanatory Version】

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

Website: www.huankai.com

Address: No.788,Shenzhen Road,Guangzhou Science City,

Post code: 510663

Guangzhou,Guangdong Province,China

Fax: 020-32078333-8619

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

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