

VP Test EP



Kit of reagents used for the execution of Voges-Proskauer test.

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Alpha naphthol Reagent	5 x 10mL
KOH 40% Reagent	5 x 10mL
1 Instruction sheet	

• PROCEDURE

Voges-Proskauer reaction distinguishes organisms that ferment glucose to acids from those that ferment to acetoin (2-3 butilenglicole fermentation). After 48 hours incubation Alpha naphthol Reagent and KOH 40% Reagents are added to sample. Positive reaction to Voges-Proskauer test is highlighted by the formation of a red coloration obtained from acetyl-methyl-carbinol oxidation in the presence of alkali and oxygen.

• INTERPRETATION

The VP test is performed on cultures dissolving a pure culture in a tube of VP (Voges-Proskauer) Semi-Solid (MB-V1180). Add 3 drops of Alpha naphthol Reagent and 2 drops of KOH 40% Reagent to 3 ml of broth culture. Bright red color indicates a positive result. It will appear after 15 minute.

• QUALITY CONTROL FOR USE

Each batch of VP Test EP is subjected to test for V.P production, using bacterial strains.

Microorganism		V.P Test EP
<i>Escherichia coli</i>	ATCC 25922	-
<i>Citrobacter freundii</i>	ATCC 8090	-
<i>Enterobacter cloacae</i>	ATCC 7256	+
<i>Enterobacter aerogenes</i>	ATCC 13048	+
<i>Klebsiella pneumoniae</i>	ATCC 27736	+

• STORE

Store VP Test EP at 2-6°C away from light in its original package, until the expiry date shown on the label. However, our stability studies have shown that the storage or transport at 18-25°C for 4 days, or at 35-39°C for 48 hours, do not alter in any way the performance of the product. Eliminate if signs of deterioration or contamination are evident.

• ELIMINATION OF THE USED MATERIAL

After use, VP Test EP and the material that comes in contact with the sample must be decontaminated and disposed in accordance with the techniques used in the laboratory for decontamination and disposal of potentially infectious materials.

• REFERENCES

1. B Edwin H. Lenette: *Manual of Clinical Microbiology* (1995).
2. Blazevic, D.J., and Ederer, G.M.: Principles of biochemical tests in diagnostic microbiology. 63-67. New York, John Wiley & Sons, 1975

• PACKAGE

Cat. No : MB-80281 VP Test EP	100 tests
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