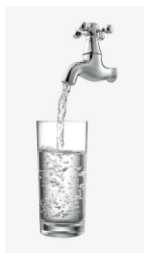


# MEDIA OF HYDROGEN SULFIDE (H<sub>2</sub>S) IN DRINKING



Media of Hydrogen Sulfide is a simple water microbiology test using H<sub>2</sub>S method. The testing of bacteriological quality of water using H<sub>2</sub>S method is **Simple, Easy, and Fast**. H<sub>2</sub>S media is used to detect the presence of groups of H<sub>2</sub>S gas-forming bacteria such as *Proteus* sp, *Citrobacter*, *Klebsiella* sp, *Clostridium* sp, and *Salmonella* sp in drinking water.

## DESCRIPTION



### Principle of Reaction :

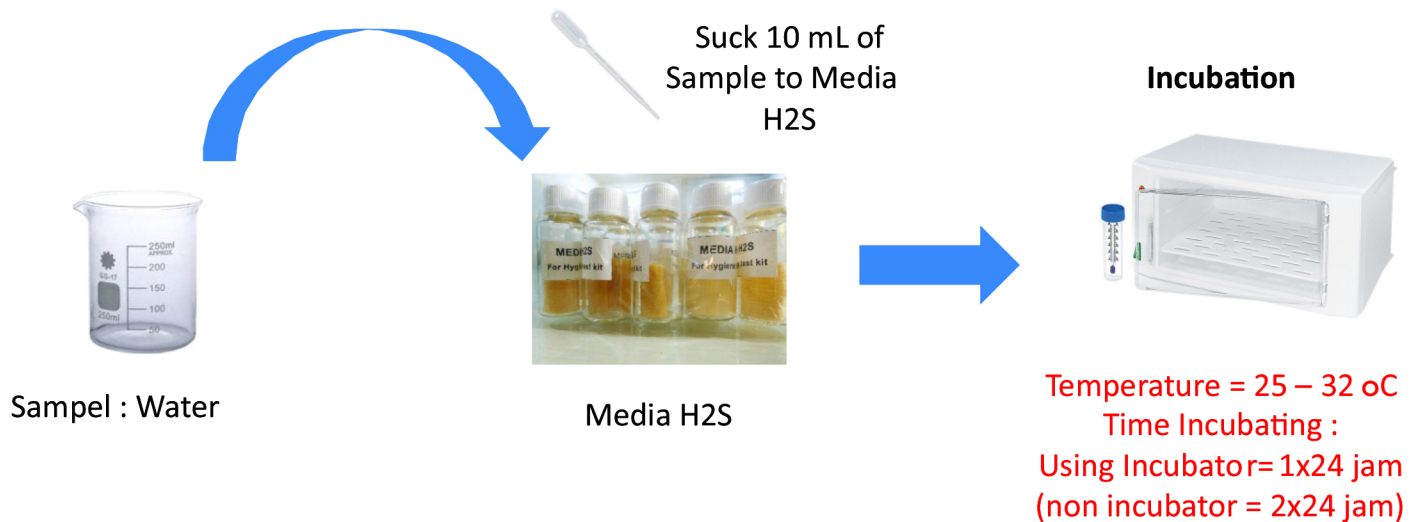
Group of H<sub>2</sub>S gas-forming bacteria will reduce peptone and thiosulfate contained in H<sub>2</sub>S media to form colorless H<sub>2</sub>S gas. H<sub>2</sub>S gas with specific indicators will produce black precipitate. If there is a group of H<sub>2</sub>S-forming bacteria shown in the presence of black precipitates, it is closely related to the presence of Coliform group bacteria which is a clue or indicator that water has been contaminated by feces.

## TECHNICAL INFORMATION

Type	Test Kit
Quantity of test	100 Test
No. Catalog	PAL-12MO
Storage	Storage in room temperature ( 25– 32 °C) or refrigerator is better
Sample volume needed	10 mL
Usage	One bottle for one test
Method	Black precipitation as positive result

# PROCEDURE

Testing of water with H<sub>2</sub>S media requires only a sample of 10 ml



# RESULT

After added 10 ml of water sample and incubated



Negative sample  
contain Coliform (E.Coli) :  
no black precipitate  
formed

Positive sample  
contain Coliform (E.Coli) :  
black precipitate  
formed



**Asianmedic Co.,Ltd.**

Address: 60/3 Soi.Inthamara40,Ratchadaphisak,  
Dindeang, Bangkok 10400, Thailand

Hotline: 090.898.5188, 089.185.8999

Tel: 02.691.8348,Fax:02.691.8388

Email: foodtest@asianmedic.com,sales@asianmedic.com