

## PROCEDURES:

### A. For KIT K015

1. 100 ml water sample were collected in two separate sterile disposable bottles.
2. Entire quantity of Medium A powder was added slowly to one bottle with 100 ml water. Swirl to dissolve the powder completely.
3. Similarly the entire quantity of Medium B powder was added to another bottle with 100 ml water.
4. After dissolution, both the bottles were incubated for 24 hours and again for 48 hours at 35-37°C.

### B. FOR KIT K019:

1. The bottles were filled with water from different areas (as mentioned in the observation table) up to arrow level (20 ml) and the bottle was shaken gently for mixing.
2. The bottles were kept at room temperature at 37°C for 48 hours.

### C. FOR KIT K051:

1. 3.5 grams of medium powder was suspended in 100 ml of water sample to be tested and was shaken gently.
2. The mixture was then dispensed into sterile test tubes.
3. The test tubes were incubated at 35-37°C for 24 - 48 hours.
4. After incubation 1 ml of Kovac's Indole Reagent was added to the test tubes.

## OBSERVATIONS:

S.No.	WATER SAMPLE	MEDIUM A	MEDIUM B	H <sub>2</sub> S Test Medium	N-B Sure Test Medium
1.	MICROBIOLOGY R.O.	(-)ve growth	(-)ve growth	(-)ve growth	(-)ve growth
2.	MICROBIOLOGY TAP WATER	(+)ve orange	(+)ve black-orange-red	(+)ve black	(+)ve growth
3.	LIBRARY R.O.	(+)ve orange	(+)ve black	(+)ve black	(+)ve growth
4.	BOYS HOSTEL R.O.	(+)ve orange	(+)ve black-orange-red	(+)ve black	(+)ve growth
5.	GIRLS HOSTEL R.O.	(-)ve growth	(-)ve growth	(-)ve growth	(-)ve growth

-ve : No growth

+ve : Growth present.

Control



True growth  
(Black colour)

H<sub>2</sub>S Test medium showing  
positive growth in microbiology  
tap water & library water.



**HIMEDIA**

REF

K015-1KT

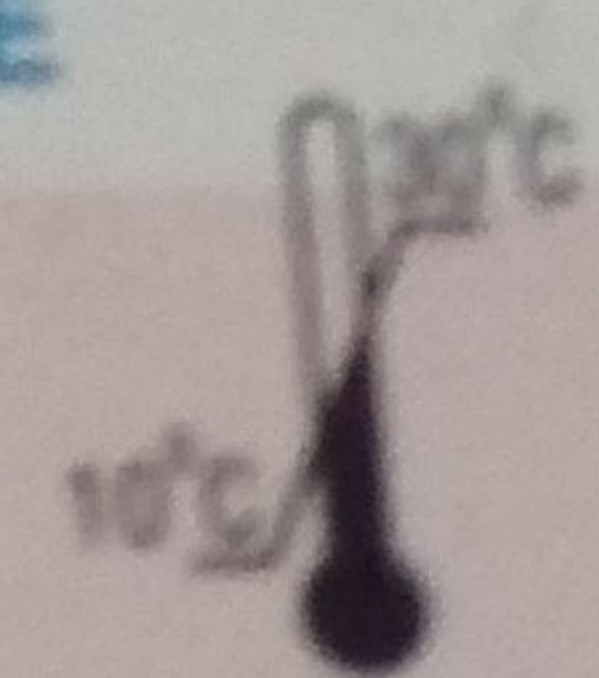
Net Content  
1 kit

# HiWater™ Test Kit

**FOR LABORATORY USE ONLY  
NOT FOR DRUG USE**

## Storage :

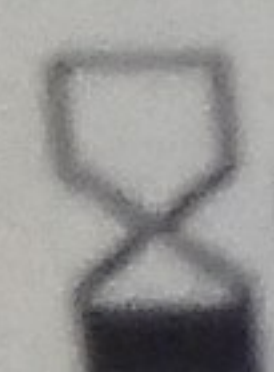
Keep tightly closed,  
away from bright light.



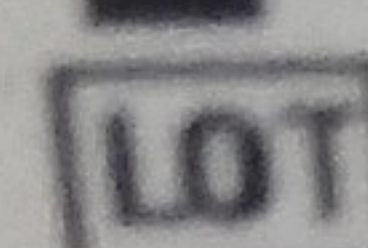
No liability accepted for accidents in handling or use.

**FOR IN VITRO DIAGNOSTICS** IVD

**COUNTRY OF ORIGIN-INDIA**

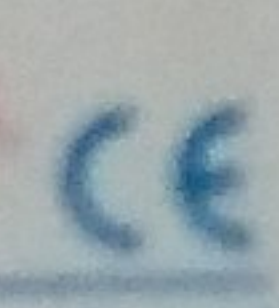


**OCT-2019**



**0000280691**

Company certified for ISO 9001:2008,  
ISO 13485:2003, WHO GMP



**HiMedia Laboratories Pvt. Ltd.**  
Works : B/4-6, M.I.D.C., Dindori, Nashik  
Reg. off. : 23, Vadhani Ind. Est.,  
LBS Marg, Mumbai-400086, India.  
Customer Care No. 022-6116 9797  
Email: techhelp@himedialabs.com

For rapid and simultaneous detection of *Salmonella* species, *E. coli*, *Citrobacter* species and *Vibrio* species.  
Kit contains two sterile 100 ml bottles with two separate A and B media.

**Direction :** Collect 100 ml water to be tested in each sterile disposable bottles. Add entire quantity of medium A powder slowly to water of one bottle by swirling to dissolve the powder completely. Similarly add entire quantity of medium B powder to another 100 ml bottle and repeat the same procedure for dissolution of powder as specified for medium A. After dissolution incubate both the bottles for 24-48 hours at 35-37°C.

Medium A - for *Salmonella*, *E. coli*, *Citrobacter* species

Organism

*E. coli*

*S. Typhimurium*

*C. freundii*

*S. Enteritidis*

Key : no colour change (purple colour)

Medium B - For *Vibrio* species

Organism

*V. cholerae*

*V. parahaemolyticus*

Colour change

Yellow

Black

Black

Black

H<sub>2</sub>S production

—

+

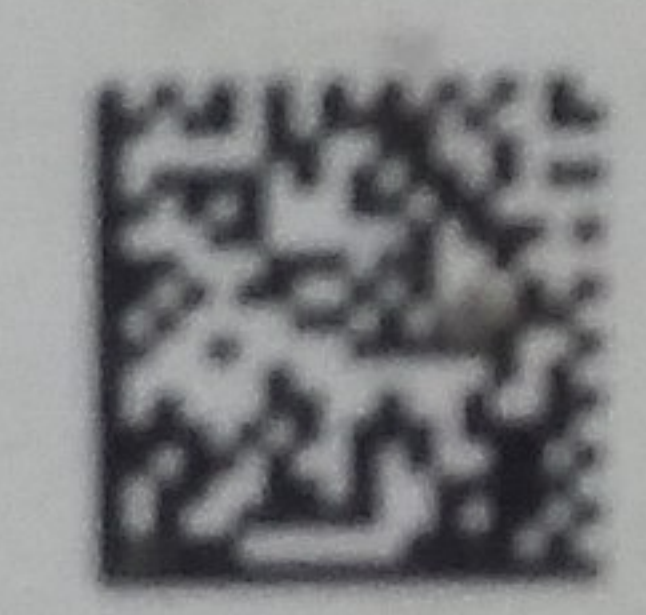
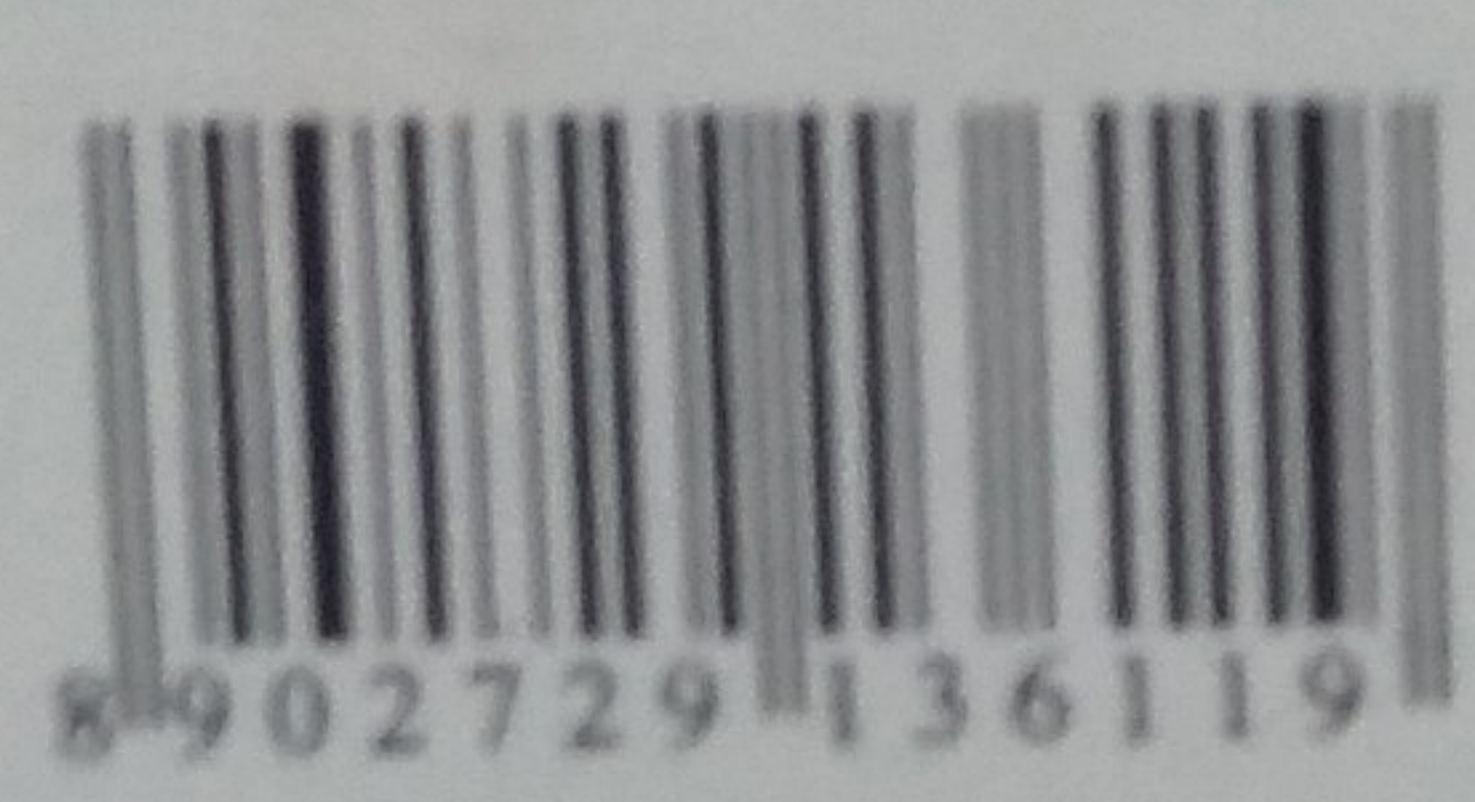
+

+

Colour change

dark burgundy

red



Received

Opened