

osom[®]



BVBLUE[®] Test



A rapid test to aid in the diagnosis of Bacterial Vaginosis.

✓ **COMPREHENSIVE**

Detects elevated activity of vaginal fluid sialidase, an enzyme produced by bacterial pathogens associated with Bacterial Vaginosis including *Gardnerella*, *Bacteroides*, *Prevotella*, and *Mobiluncus*.

✓ **ACCURATE**

92.8% sensitive and 98% specific vs. gram stain; more sensitive and specific than wet mount.

✓ **FAST**

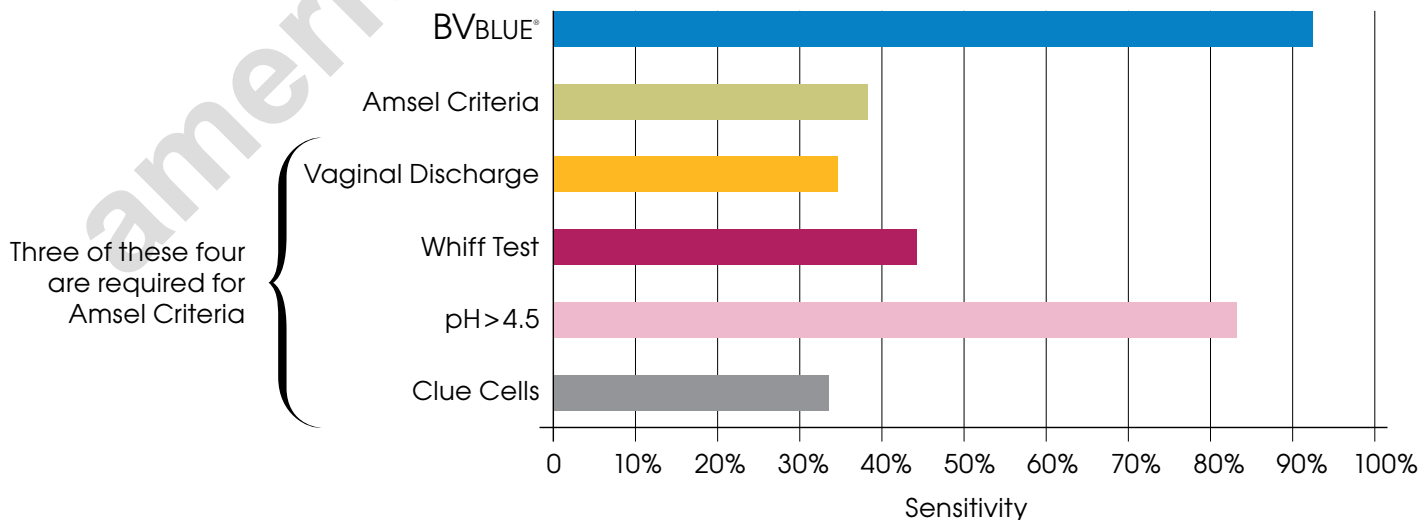
< 1 minute hands-on time.

✓ **OBJECTIVE**

Instant color change provides clear, easy-to-read results.



COMPARISON OF BV DETECTION METHODS



Reference: Sha, Beverly E., Chen, Hua Y., Qiong, J. et al., *Utility of Amsel Criteria, Nugent Score and Quantitative PCR for Gardnerella vaginalis, Mycoplasma hominis, and Lactobacillus spp. for Diagnosis of Bacterial Vaginosis in Human Immunodeficiency Virus-Infected Women*, *Journal of Clinical Microbiology*, Sept. 2005, p. 4607-12.

OSOM[®]

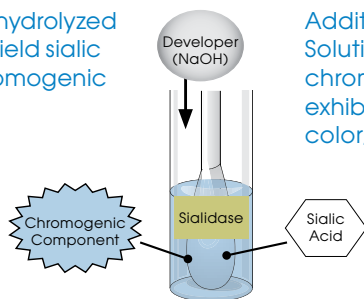
BVBLUE[®] Test

HOW DOES THE BVBLUE[®] TEST WORK?

OSOM[®] BVBLUE[®] Test contains a chromogenic substrate of sialidase (an enzyme produced by bacteria associated with BV).

CHROMOGENIC REACTION WITH SIALIDASE:

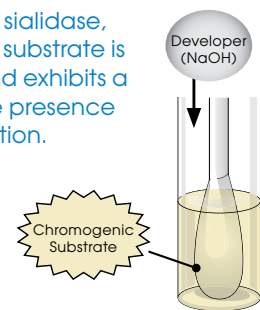
The substrate is hydrolyzed by sialidase to yield sialic acid and a chromogenic component.



Addition of the Developer Solution (NaOH) causes the chromogenic component to exhibit an intense blue or green color, if sialidase is present.

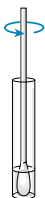
CHROMOGENIC REACTION WITHOUT SIALIDASE:

In the absence of sialidase, the chromogenic substrate is not hydrolyzed and exhibits a yellow color in the presence of Developer Solution.



TEST PROCEDURE / RESULTS

Immerse the head of the swab into the solution. Gently swirl the mixture.



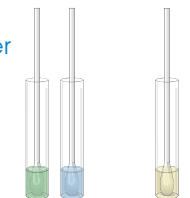
Let stand for 10 minutes at room temperature. (17°–37°C / 62.6°–98.6°F)



Add one drop of the Developer Solution to the testing vessel containing the swab. Gently swirl the mixture.



Interpret the results immediately after adding the Developer Solution.



POSITIVE NEGATIVE



To Order Please Contact:
American Screening Corporation
6658 Youree Dr., Ste 180 PMB 404
"Complete Drug Testing Solutions"
Shreveport, LA 71105
Ph: 318-227-4994 Fax 318-227-4996
www.americanscreeningcorp.com

