



CANDIDA ALBICANS/ TRICHOMONAS VAGINALIS/ GARDNERELLA VAGINALIS ANTIGEN COMBO TEST KIT (LFIA)



Specification
1 pc/Box/ 20 pcs/Box



Storage condition
2-30°C



Testing time
15 minutes



Shelf life
24 months

Description

- Intended use** Qualitative detection of *Candida albicans*, *Trichomonas vaginalis*, and *Gardnerella vaginalis* in female vaginal swab samples in vitro.
- Sample** Secretion from posterior vaginal fornix
- Departments** Gynecology, reproductive center, pathology, laboratory, physical examination center, etc
- Specification** 1pc/box, 20pcs/box
- Storage condition** 2°C-30°C, keep dry, away from direct sunlight
- Shelf life** 24 months, single use
- Precaution** Use within 1 hour after opening the inner packaging

Epidemiology

Bacterial vaginosis (B.V.)
When the number of lactobacilli which produce hydrogen peroxide in the vagina decrease or disappear, the facultative anaerobic bacteria and anaerobic bacteria increase, which lead to vaginal infections. Then common pathogens include facultative aerobic bacteria (*Gardnerella vaginalis*), anaerobic bacteria (*Prevotella*, *Activity Campylobacter*, *Bacteroides*, *Atropa vaginalis*) and *Ureaplasma ureaplasma*, *Mycoplasma hominis*, etc.

11% of women have B.V. detected during physical examination, and 36% - 60% among Vaginitis patients in gynecological clinics.

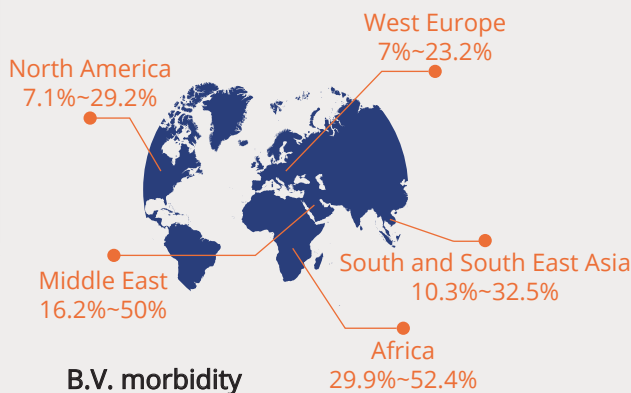
Vulvovaginal Candidiasis (V.V.C.) refers to vaginal inflammation caused by *Candida* infection. 75% of women suffer from V.V.C. at least once in their life time, and 40% to 45% of women experienced recurrent infections.



Morbidity rate is about 23% in China, 11.6% of gynecological outpatient clinics, 0.58% for R.V.V.C.



Morbidity rate from 29% to 49% in Europe and USA, 9% for R.V.V.C.



Mixed vaginitis is inflammation of the vagina caused by two or more pathogenic microorganisms.



Internal morbidity rate of V.V.C + B.V. is 20.95%-74.89%



External morbidity rate of V.V.C + B.V. is 14.9%

Technology comparison

Testing method	Professional requirement	Operation process	Testing time	Accuracy	Distinction of mixed infection
Wet mount method	High	Easy	5-10min	Medium	High undetected rate
Gram staining solution	High	Complicated	15-20min	Medium	High undetected rate
Chemzyme technology	Low	Easy	15-20min	Low	High interference
Culture method	High	Complicated	48-72h	High	Capable
Immunochromatography	Low	Easy	10-15min	High	Capable

Advantages



On-site screening &
Quick results in 15 min

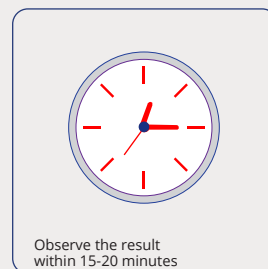
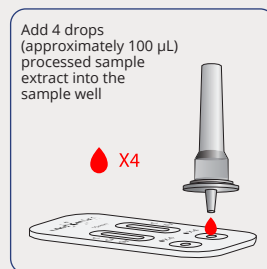
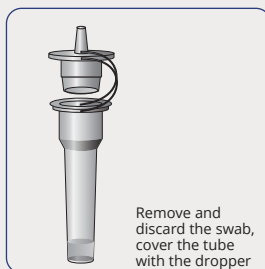
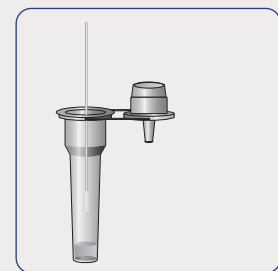
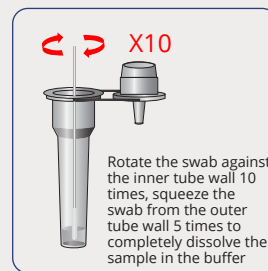
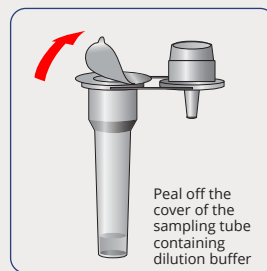
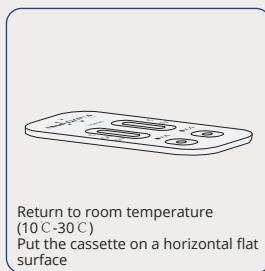


Low professional
requirement
Low training
requirement



Unaffected by
medication
Obtain pathogen
antigen, high specificity

Operation process



Result interpretation

Positive +

Negative -

Invalid X

