Candida Albicans(Yeast) Antigen Rapid Test Kit
(Home Test)

Cat No: JCAAGH-02

【Description】
Candida Albicans(Yeast) Antigen (C.A) Rapid Test Kit is for self testing at home.
Candida is the scientific name for yeast. It is a fungus that lives almost everywhere, including in your body. Usually, your immune system keeps yeast under control. C.albicans is also has been called vulvo-vaginal candidiasis, candidal vaginitis, monilial infection, or vaginal yeast infection. Twenty to 25% of the vaginitis cases are candida vulvovaginitis. It has been estimated that about 75% of all women get a vaginal yeast infection at least once. In 80-90% of the cases, candidavulvovaginitis is caused by an overgrowth of the yeast Candida albicans. In otherwise healthy people who have thrush, cutaneous candidiasis, or vaginal yeast infections, Candida infections usually can be eliminated with a short treatment (sometimes a single dose) of antifungal medication. However, in people with AIDS or other diseases that weaken the immune system, Candida infections can be difficult to treat and can return after treatment. In people with weakened immune systems, candidiasis can be life threatening if it passes into the blood and spreads to vital organs.

【Product usage】
Candida Albicans(Yeast) Antigen Rapid Test Kit, this is a single package box for home test. For Women and Men test.

【Test Box content】
1. One foil pouch: The pouch is included to one C.A test card and 1 desiccant.
2. One dropper
3. One Urine cup
4. Sample Test Tube(Purple color of cap), 0.3ml/ tube. contains 0.01% Tris-saline, 0.05% Sodium Azide, 0.1% Tween-20 detergent. PH 7.5
5. Instruction manual

【Preparation before the test】
1. Read the instruction manual carefully and thoroughly.
2. Prepare a timer.

【Test Procedure】
1. Collect urine:
   1.1 It is better to collect the first urine of the day for higher accuracy.
2. Place the test card on the urine cup. Make sure the urine flows in a linear manner.
3. Drip 3 to 4 drops of urine into the purple Sample Test Tube.
4. Tightly close the knot and swirl the tube clockwise for about 5 seconds to mix the solution.

2. Test tube preparation:
   2.1 Take out the Sample Test Tube from box.
   2.2 Take out the dropper from box and suck up some urine. Drip 3 to 4 drops of urine into the purple Sample Test Tube.
   2.3 Tightly close the knot and swirl the tube clockwise for about 5 seconds to mix the solution.

3. Test
   3.1 Take out the C.A test card from foil pouch.
   3.2 Break out the tip of the Sample Test Tube knot (above Item 2.c)
   3.3 Drip 3 to 4 drops of urine into the “S” region of the C.A test card. Then will see the liquid started to move upwards.
   3.4 Place the test card under room temperature for 15 minutes reaction then read the result.

4 Result reading:
   ****Please read the test card in 15 minutes if the reading time be after in 30 minutes the test will be considered as a failure.
   4.1 Negative result (no infected )
   A purple line shown at the 【C】 region while no lines appeared at 【T】 Test region.
   4.2 Positive result (infected):
   A clear red/purple line appeared on both “【C】 Control region and the 【T】 Test region or light / purple line appeared on 【T】 region. The line color at 【T】 Test region may vary depending on the degree of infection.
   4.3 Result is false or failed:
   No line appeared on either 【C】 Control region or 【T】 Test region, or only 【T】 Test region had a line shown will be considered as a fail test.

【Accuracy】
To compare with wet mount microscope and culture method. Specificity: 98.4%
Sensitivity: 95.5%

【Attention】
Do NOT collect the urine sample containing blood as it can affect the test reading.
1. Please use the C.A test card within 1 hour after opening the package due to the reason that humidity can affect the accuracy of the test.
The test tube contains neutral buffer. If it gets in contact with eyes or skin, please wash the area with tap water for 1 to 2 minutes to avoid possible allergies.

It is unnecessary to strongly mixing the urine sample with the buffer inside the test tubes. If there are too many bubbles floating on the surface of the liquid after mixing, put the test tube aside for 3 to 5 minutes to let some bubbles diminish, then apply the test.

**Product limits**

1. This product is for Home Test to determine possible Candida Albicans (Yeast) infection.
2. The product is for "In Vitro Diagnostic" use.
3. The product is for one time use ONLY. Please discard the test when it is done.
4. Do NOT use the expired test card.
5. Do NOT use the test card if any damages discovered on a sealed test kit.
6. Please place the test kit at places where children are unable to reach.

**Question and Answer, Q&A**

Q1: Does the urine sample have to be collected in the morning for test purposes?
A1: No, the urine can be collected at any time zone. However, the first urination in the morning will have higher concentration which aids the test accuracy.

Q2: Can the "blood urine" be used as the test sample for test?
A2: No, the blood urine contains red blood cells which can alter the reading since the reaction line for this test is also red-purple.

Q3: When adding the urine sample, will it affect the test determination if sample was added more than 4 drops?
A3: It is suggested to add no more than 6 drops of urine into the test tube to mix with the buffer. For test purpose, it is better to add no more than 6 drops as it may leak out of the Sample well (S well) and affect the reading.

Q4: Can the test result be allowed if the waiting time takes more than 30 minutes to react?
A4: The test reading cannot be longer than 30 minutes because the negativity detected may become positive as time gets longer due to air oxidation. The result will not be accurate and cannot be taken as a final record.

Q5: If the background color becomes light purple-red color during the analysis, will it affect the final result.
A5: The depth of color will vary depending on subject’s urine composition, temperature difference, and humidity. The background color can be purple, red, or close to white. The test is effective as long as the line appeared on the "C"Control zone.

Q6: What are the symptoms of Candida infection?
A6: **Women**

6.1. There are cases wherein some have yeast infections more often than others because they are not careful about their own body. It is true that prevention is better than cure.

6.2. A vaginal infection caused by the presence of Candida albicans is known as yeast infection. Several symptoms of this type of infection are redness, dryness, burning, and itching.