

CTK

INSIGHTS

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National Women's Health Week

May 8-14, 2016 is celebrated as National Women's Health Week and sponsored by the U.S. Department of Health and Human Services. During this week, women of all ages pledge to take at least one step towards a healthier life. ¹

IVD Products offered by CTK

CTK offers a wide range of IVD products to aid in the diagnosis and management of conditions that impact women.

- **ToRCH Panel Rapid Test *NEW*:** Toxoplasma gondii (Toxo), Rubella, Cytomegalovirus (CMV), and Herpes Simplex-1 and -2 (HSV-1 and HSV-2)
A group of pathogens that can cause significant damage to a developing fetus during pregnancy or a newborn child
- **hCG Rapid Test**
Detection of early pregnancy
- **Thyroid Panel ELISA:** Thyroid Stimulating Hormone (TSH), total Triiodothyronine (T3), total Thyroxine (T4), Free T3, and Free T4
50% of middle-aged women suffer from thyroid disorders
- **Sexually Transmitted Disease Rapid Test:** HIV-1/2, HSV-1/2, Syphilis, Chlamydia, and Gonorrhea
Women are more susceptible than men to acquiring sexually transmitted infections, many of which are asymptomatic and undetected which can lead to further health complications

Products coming soon

Thyroid Panel ELISA

Anti-Thyroglobulin (anti-Tg),
Anti-Thyroid Peroxidase (Anti-TPO)

Cancer Marker ELISA

Cancer markers CA 125, CA 15-3, CA 19-9, and β -hCG
2016 estimated # of new cancer cases in women:
Breast 249,260
Ovarian 22,280

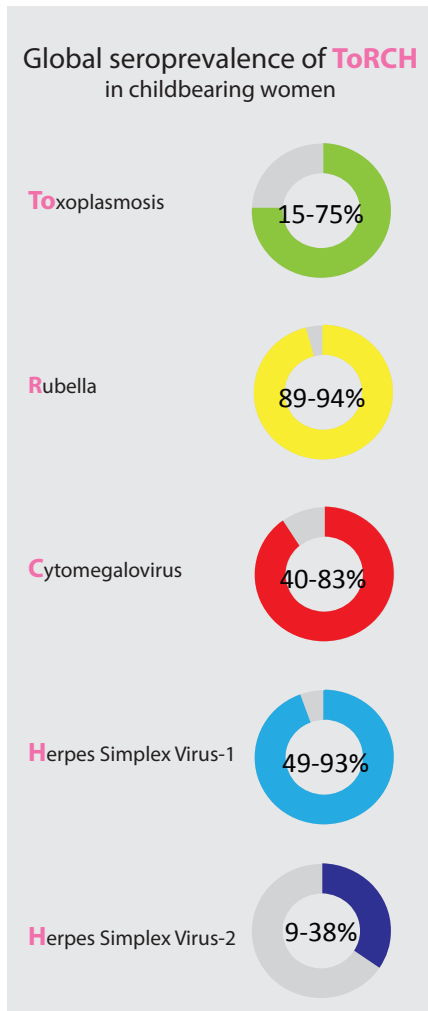
Vitamin ELISA

Folic Acid, Vitamin B12, Vitamin D, Anti-Mullerian Hormone (AMH)
Vitamin deficiencies can greatly impede a woman's health

1. [HTTP://WWW.WOMENSHEALTH.GOV/NWHW/](http://www.womenshealth.gov/nwhw/)

CTK is proud to present our NEW ToRCH Panel!

Prenatal Screening of five prevalent, infectious diseases among women of childbearing age:

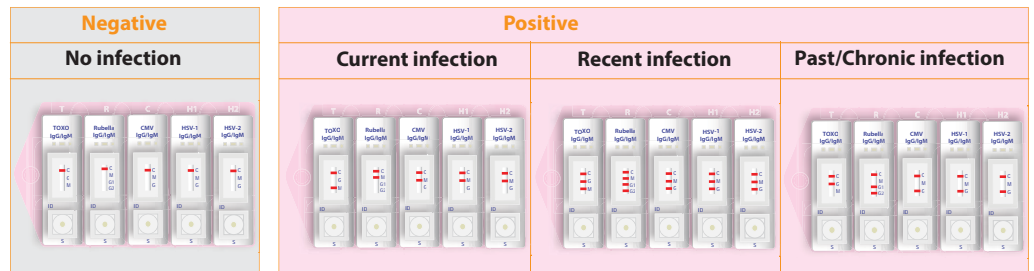


TORCH infections may cause:

- Mild symptoms in a healthy individual
- Severe damage and even death in a developing fetus or newborn child
- Serious complications in immunocompromised person, such as HIV or transplant patients

Detection and Indications

- A quick and effective way to determine an individual's infection status is by detecting the antibodies that are produced by the body's immune system in response to a specific infection.
- Detection of IgG and IgM is the most common method for the diagnosis of TORCH infections. The test results may indicate:



ToRCH screening

can allow for immediate medical attention, treatment or precautionary action

For pregnant women or women planning to become pregnant, these might include:

- Before pregnancy: Planning vaccination for rubella, proper arrangement of pet care and safe sexual conduct
- During pregnancy: Eliminating pathogen exposure, close monitoring of pregnancy and fetal development, proper delivery and neonatal strategy

Unique features of ToRCH Panel Rapid Test by CTK

- Multiplex POCT design
one device, 5 panel, 11 results for 5 infection
the simplest TORCH serology test on market
detection and differentiation of both IgM and IgG in all five tests
- Differentiate HSV-1 and HSV-2
HSV-1 has been linked to Alzheimer's, HSV-2 infection increases risk of contracting HIV infection
User recombinant G1 and G2 protein to specifically differentiate HSV-1 and HSV-2, as recommended by CDC
- Semi-quantitative results for Rubella
one test gives 4 results: no immunity, early infection, active infection, with protective immunity
- Whole blood test
Allows for easier testing in various resource settings, such as emergency, physical office with out centrifuge



For additional information, please contact info@ctkbiotech.com visit <http://ctkbiotech.com> scan here

MEET US

- Hospitalar, Brazil, May 2016
- AACC, USA, July 2016

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