



## ADVIA Centaur Immunoassay Systems

# TORCH Assays

For use  
outside  
the U.S.



Numerous infectious diseases can be transmitted to a pregnant woman and passed on to her baby, increasing the risk of miscarriage, birth defects, and developmental problems. These infections are collectively known as TORCH, which stands for Toxoplasmosis, Other (e.g., syphilis), Rubella, Cytomegalovirus, and Herpes simplex virus.



### Immunoassay

CMV IgG  
CMV IgM\*\*  
Herpes-1 IgG (HSV1)  
Herpes-2 IgG (HSV2)  
Rubella IgG (Rub G)  
Rubella IgM (Rub M)  
Syphilis (SYPH)  
Toxoplasma IgG (Toxo G)  
Toxoplasma IgM (Toxo M)\*

\*Not available for sale on the ADVIA Centaur CP Immunoassay System.

\*\* Not available for sale in the U.S.

The portfolio of TORCH assays on the ADVIA Centaur® Immunoassay Systems delivers the high-quality test results required for diagnosis and treatment of important infectious diseases.

#### ADVIA Centaur TORCH Assays Benefits

- Delivers fast results so clinicians can counsel their patients on preventing infection, address fetal outcomes if infected, and offer optimal care.
- Reduces hands-on labor and improves workflow efficiency and turnaround time with fully automated tests.
- Increases lab efficiency by consolidating a broad menu of infectious disease assays on one system.

The ADVIA Centaur systems provide a broad and expanding menu to help your lab drive better clinical and business outcomes.

[siemens-healthineers.com](https://www.siemens-healthineers.com)

## Assay Characteristics

Assay	Sample Type	Sample Volume (µL)	Assay Range	Calibration Interval (days)	Onboard Stability (days)	Time to First Result (min)
CMV G	Serum or plasma (dipotassium EDTA, lithium heparin)	20	0.05–30.00 Index	14	30	XP/XPT: 57 CP: 53
CMV M**	Serum or plasma (EDTA, lithium heparin)	20	0.10– 8.00 Index	28	60	XP/XPT: 58 CP: 53
HSV1	Serum or plasma (EDTA or lithium heparin)	20	0.01–20.00 Index	28	60	XP/XPT: 57 CP: 53
HSV2	Serum or plasma (EDTA or lithium heparin)	20	0.01–10.00 Index	28	60	XP/XPT: 57 CP: 53
RbGII	Serum or plasma (EDTA, lithium heparin, or sodium heparin)	15	XP/XPT: 0.56–400.00 IU/mL CP: 0.54–400.00 IU/mL	14	60	XP/XPT: 57 CP: 53
Rub G	Serum or plasma (EDTA, heparin)	10	0.2–500 IU/mL	14	XP/XPT: 28 CP: 35	XP/XPT: 28 CP: 28
Rub M	Serum or plasma (EDTA, heparin)	XP/XPT: 20 CP: 15	0–15.00 Index	14	28	XP/XPT: 57 CP: 53
SYPH	Serum or plasma (EDTA, lithium or sodium heparin, citrate)	100	0.1–45.0 Index	XP/XPT: 21 CP: 28	60	XP/XPT: 28 CP: 26
Toxo G	Serum or plasma (EDTA, heparin)	10	0.5–700 IU/mL	14	28	XP/XPT: 57 CP: 50
Toxo M*	Serum or plasma (EDTA, heparin)	10	0.10–40.00 Index	14	28	XP/XPT: 57

## Results Interpretation

Assay	Nonreactive	Equivocal	Reactive	Sensitivity (%)	Specificity (%)
CMV G	<1.00 Index	No equivocal zone	≥1.00 Index	100	99.8
CMV M**	<1.00 Index	No equivocal zone	≥1.00 Index	99.07	96.95
HSV1	<1.00 Index	No equivocal zone	≥1.00 Index	99.1	97.7
HSV2	<1.00 Index	No equivocal zone	≥1.00 Index	100.0	100.0
RbGII	<10.00 IU/mL	No equivocal zone	≥10.00 IU/mL	97.5	99.0
Rub G	<5.0 IU/mL	≥5.0 to ≤9.9 IU/mL	≥10.0 IU/mL	99.9	100.0
Rub M	<0.80 Index	≥0.80 to ≤0.99 Index	≥1.00 Index	97.2	99.5
SYPH	<0.90 Index	≥0.90 to <1.10 Index	≥1.10 Index	98.9	99.5
Toxo G	<6.4 IU/mL	6.4 to 9.9 IU/mL	≥10.0 IU/mL	97.6	99.6
Toxo M*	<0.9 Index	0.9 to 0.99 Index	≥1.0 Index	99.6	99.3

## Ordering Information

Assay	SMN No.	Tests per Kit	Contents
CMV G	10630612	100	1 ReadyPack® primary reagent pack; 1 ReadyPack ancillary reagent pack 1 vial each, CMV G low and high calibrators, 2.0 mL/vial
CMV M**	10630614	50	1 ReadyPack® primary reagent pack; 1 ReadyPack ancillary reagent pack 1 vial each, CMV M low and high calibrators, 2.0 mL/vial
HSV1	10720846	100	1 ReadyPack® primary reagent pack; 1 vial each, HSV1 low and high calibrators, 2.0 mL/vial
HSV2	10720849	100	1 ReadyPack® primary reagent pack; 1 vial each, HSV2 low and high calibrators, 2.0 mL/vial
RbGII	10377513	100	1 ReadyPack® primary reagent pack; 1 ReadyPack ancillary reagent pack 1 vial each, RbGII low and high calibrators, 2.7 mL/vial
Rub G	10310283	100	1 ReadyPack® primary reagent pack; 1 vial each, RUB G low and high calibrators, 1.0 mL/vial
Rub M	10310285	50	1 ReadyPack® primary reagent pack; 1 vial each, RUB M low and high calibrators, 1.0 mL/vial
SYPH	10492493	200	1 ReadyPack® primary reagent pack; 1 ReadyPack ancillary reagent pack 2 vials each, SYPH low and high calibrators, 2.0 mL/vial
Toxo G	10310321	100	1 ReadyPack® primary reagent pack; 1 vial each, Toxo G low and high calibrators, 1.0 mL/vial
Toxo M*	10310320	50	1 ReadyPack® primary reagent pack; 1 vial each, Toxo M low and high calibrators, 600 µL/vial

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Product availability may vary from country to country and is subject to varying regulatory requirements. Please contact your local representative for availability.

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