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outside  
the U.S.  
only

## Atellica Solution

# TORCH and Syphilis Assays

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



TORCH is an acronym for a group of infectious agents that include **T**oxoplasma, **R**ubella, **C**ytomegalovirus (CMV), and **H**erpes. When acquired during pregnancy these agents can cause significant birth defects and fetal death. Recognizing maternal disease and monitoring the patient when diagnosed is critical for clinicians and patients. The portfolio of TORCH and specialty assays on the Atellica® IM Analyzer is designed with the latest technological advances that enable laboratories to deliver the high-quality test results which aid in diagnosis and treatment of important infectious diseases.



### Immunoassay

CMV IgG

CMV IgM\*

Herpes-1 IgG

Herpes-2 IgG

Rubella IgG

Rubella IgM

Syphilis

Toxoplasma IgG

Toxoplasma IgM

- 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 improve workflow efficiency and turnaround time with fully automated tests.
- Increases lab efficiency by consolidating a broad menu of infectious disease assays on one platform.

The Atellica® Solution provides a broad and expanding menu to help your lab drive better clinical and business outcomes. The Atellica IM Analyzer utilizes proven advanced Acridinium Ester (AE) technology, with over 50 patents granted or pending.

*\*Not available for sale in the U.S.  
Product availability may vary by country.*

## Assay Characteristics

Assay	Sample Type	Sample Volume (µL)	Time to First Result (min)	Analytical Measuring Range	Reagent Onboard Stability (days)	Lot Calibration Interval (days)
CMV IgG	Serum, Plasma: Dipotassium EDTA, lithium heparin	20	40	0.05–30.00 Index	60	77
CMV IgM	Serum, Plasma: EDTA, lithium heparin	20	40	0.10–8.00 Index	90	70
Herpes-1 IgG	Serum, Plasma: EDTA, lithium heparin	20	39	–	57	90
Herpes-2 IgG	Serum, Plasma: EDTA, lithium heparin	20	39	–	90	90
Rubella IgG	Serum, Plasma: EDTA, Heparin	10	19	0.2–500.0 IU/mL	23	53
Rubella IgG II	Serum, Plasma: EDTA, lithium heparin, and sodium heparin	15	46	0.68–400.00 IU/mL	60	70
Rubella IgM	Serum, Plasma; EDTA, Heparin	20	40	0.00–15.00 Index	56	91
Syphilis	Serum, Plasma: EDTA, lithium heparin, sodium heparin, and citrate	100	29	0.10–45.00 Index	60	37
Toxoplasma IgG	Serum, Plasma: EDTA, Heparin	10	28	0.5–700.0 IU/mL	28	56
Toxoplasma IgM	Serum, Plasma: EDTA, Heparin	10	39	0.10–40.00 Index	19	21

## Table of Method Comparisons

Assay	Comparator Assay—ADVIA Centaur® XP	
	Sensitivity	Specificity
CMV IgG	100%	99.85%
CMV IgM	98.37%	100%
Herpes-1 IgG	99.1%	97.7%
Herpes-2 IgG	100%	100%
Rubella IgG	100%	100%
Rubella IgG II	98.6%	97.2%
Rubella IgM	100%	100%
Syphilis	99.7%	99.5%
Toxoplasma IgG	100%	100%
Toxoplasma IgM	100%	100%

## Ordering Information

	SMN No.	Tests per Kit	Contents
<b>CMV IgG</b>			
Atellica IM CMV IgG	11202207	100	1 Atellica IM CMVG ReadyPack® primary reagent pack 1 Atellica IM CMVG ReadyPack ancillary reagent pack 1 vial Atellica IM CMVG CAL low calibrator 1 vial Atellica IM CMVG CAL high calibrator
<b>CMV IgM</b>			
Atellica IM CMV IgM	11202488	50	1 Atellica IM CMVM ReadyPack primary reagent pack 1 Atellica IM CMVM ReadyPack ancillary reagent pack 1 vial Atellica IM CMVM CAL low calibrator 1 vial Atellica IM CMVM CAL high calibrator
<b>Herpes-1 IgG</b>			
Atellica IM Herpes-1 IgG	10733031	100	1 Atellica IM HSV1 ReadyPack primary reagent pack 1 vial Atellica IM HSV1 CAL low calibrator 1 vial Atellica IM HSV1 CAL high calibrator
<b>Herpes-2 IgG</b>			
Atellica IM Herpes-2 IgG	10733033	100	1 Atellica IM HSV2 ReadyPack primary reagent pack 1 vial Atellica IM HSV2 CAL low calibrator 1 vial Atellica IM HSV2 CAL high calibrator
<b>Rubella IgG</b>			
Atellica IM Rub G	10995670	100	1 Atellica IM Rub G ReadyPack primary reagent pack 1 vial Atellica IM Rub G CAL low calibrator 1 vial Atellica IM Rub G CAL high calibrator
<b>Rubella IgG II</b>			
Atellica IM RbGII	11203564	100	1 Atellica IM RbGII ReadyPack primary reagent pack 1 Atellica IM RbGII ReadyPack ancillary reagent pack 1 vial Atellica IM RbGII CAL low calibrator 1 vial Atellica IM RbGII CAL high calibrator
<b>Rubella IgM</b>			
Atellica IM Rub M	10995668	50	1 Atellica IM Rub M ReadyPack primary reagent pack 1 vial Atellica IM Rub M CAL low calibrator 1 vial Atellica IM Rub M CAL high calibrator
<b>Syphilis</b>			
Atellica IM SYPH	10995675	200	1 Atellica IM SYPH ReadyPack primary reagent pack 1 Atellica IM SYPH ReadyPack ancillary reagent pack 2 vials Atellica IM Syph CAL low calibrator 2 vials Atellica IM Syph CAL high calibrator
<b>Toxoplasma IgG</b>			
Atellica IM Toxo G	10995699	100	1 Atellica IM Toxo G ReadyPack primary reagent pack 1 vial Atellica IM Toxo G CAL low calibrator 1 vial Atellica IM Toxo G CAL high calibrator
<b>Toxoplasma IgM</b>			
Atellica IM Toxo M	10995701	50	1 Atellica IM Toxo M ReadyPack primary reagent pack 1 vial Atellica IM Toxo M CAL low calibrator 1 vial Atellica IM Toxo M CAL high calibrator

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Our portfolio, spanning from in-vitro and in-vivo diagnostics to image-guided therapy and innovative cancer care, is crucial for clinical decision-making and treatment pathways. With our strengths in patient twinning, precision therapy, as well as digital, data, and artificial intelligence (AI), we are well positioned to take on the biggest challenges in healthcare. We will continue to build on these strengths to help fight the world's most threatening diseases, improving the quality of outcomes, and enabling access to care.

We are a team of 66,000 highly dedicated employees across more than 70 countries passionately pushing the boundaries of what's possible in healthcare to help improve people's lives around the world.

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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.

Atellica CMV IgM assay is not available for sale in the U.S.

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