



Zephyr Biomedicals

### Electra CMV (IgG)

## Chemiluminescence Assay for Quantitative Detection of CMV IgG antibody in Human Serum

Intended Use: \_\_\_\_\_

Electra CYTOMEGALOVIRUS IgG is intended for the Quantitative detection of IgG antibody to cytomegalovirus infection in human serum.

#### Electra CMV (IgG) kit Components:

<b>Coated Microwells</b>	Purified Cytomegalovirus antigen coated wells.
<b>Sample Diluent</b>	Buffered solution containing monoclonal agglutinating sera stabilizing proteins and preservatives.
<b>Calibrators</b>	Calibrators with known concentration for calibration.
<b>Negative Control</b>	Bovine serum Albumin with Stabilizer. Produces a negative reaction.
<b>Positive Control</b>	CMV positive serum reactive to CMV IgG antibody.
<b>Enzyme Conjugate</b>	Agglutinating sera conjugated with Horse Raddish Peroxidase.
<b>Substrate A</b>	Chemiluminescent substrate containing enhanced Luminal solution.
<b>Substrate B</b>	Chemiluminescent substrate containing stabilized peroxide solution.
<b>Wash Buffer</b>	Buffer contains surfactants (20X). To be diluted 20 times with distilled or deionized water.
<b>Other accessories</b>	Microwell holder, CLIA protocol sheet, Plate sealer and Package Insert.

#### Performance Characteristics:

<b>Sensitivity:</b> 97%	<b>Specificity:</b> 98%
-------------------------	-------------------------

FEATURES	BENEFITS
<b>Common Assay Protocol (CAPS)</b>	<ul style="list-style-type: none"> <li>Facilitates the user to perform multiple tests (with similar protocol) simultaneously</li> <li>Multiple parameters can be tested in limited time</li> </ul>
<b>Shorter Turn Around Time (TAT)</b>	Faster reporting time
<b>Stable Calibration</b>	Calibration stability up to 45 days
<b>Unique packaging of microwells (3x8 microwell strip/pouch)</b>	Reduces multiple exposure of microwells
<b>Excellent performance</b>	Sensitivity: 97% Specificity: 98%

Storage / Stability	Temperature	Duration
Unopened kit	2-8°C	12 Months

Available Pack Sizes
96 Tests

