

## Product Datasheet

### Anti-Chlamydia trachomatis 6709 SP-5 100073

<b>Product Name</b>	Anti-Chlamydia trachomatis 6709 SP-5
<b>Catalog Number</b>	100073
<b>Description</b>	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
<b>Tested Applications</b>	FIA
<b>Immunogen</b>	Chlamydia LGV2 strain
<b>Brand</b>	Medix Biochemica
<b>Form/Appearance</b>	Liquid, may turn slightly opaque during storage
<b>Concentration</b>	5.0 mg/ml (+/- 10 %)
<b>Storage</b>	+2-8°C
<b>Note</b>	Clone 6709 binds to chlamydial lipopolysaccharide (LPS) and therefore recognizes all chlamydias.
<b>Isotype</b>	IgG2a
<b>Clonality</b>	Monoclonal
<b>Epitope</b>	Chlamydial LPS KDO-trisaccharide
<b>Purity</b>	≥ 95 %
<b>Affinity constant</b>	N/D
<b>Buffer</b>	0.9 % NaCl, 0.095 % NaN <sub>3</sub> as a preservative
<b>IEF Profile</b>	6.7-7.5
<b>Cross Reactivity</b>	Recognizes <i>C. pneumoniae</i> and <i>C. psittaci</i> . Does not recognize <i>S. minnesota</i> , <i>B. quintana</i> , <i>B. henselae</i> or <i>S. negevensis</i> .
<b>Specificity</b>	Antibody recognizes <i>Chlamydia trachomatis</i> LPS
<b>Shelf Life</b>	36 months
<b>References</b>	Tiirola, T., Jaakkola, A., Bloigu, A., Paldanius, M., Sinisalo, J., Nieminen, M.S., SilvennoinenKassinen, S., Saikku, P., Jauhiainen, M. and Leinonen, M. (2006) Novel enzyme immunoassay utilizing lipopolysaccharide-binding protein as a capture molecule for the measurement of chlamydial lipopolysaccharide in serum. <i>Diag. Microbiol. Inf. Dis.</i> 54:7-12