

## Product Datasheet

### Anti-Chlamydia trachomatis 6701 SP-5 100141

<b>Product Name</b>	Anti-Chlamydia trachomatis 6701 SP-5
<b>Catalog Number</b>	100141
<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 6701 binds to chlamydial lipopolysaccharide (LPS) and therefore recognizes all chlamydias
<b>Isotype</b>	IgG1
<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>	6.5-6.9
<b>Cross Reactivity</b>	Recognizes <i>C. pneumoniae</i> , <i>C. psittaci</i> and <i>S. aureus</i> (unspecific binding to protein A). Cross-reactivity with the following micro-organisms below 5 %: <i>A. lwoffii</i> , <i>A. baumannii</i> , <i>B. fragilis</i> , <i>C. albicans</i> , <i>C. freundii</i> , <i>C. xerosis</i> , <i>E. aerogenes</i> , <i>E. coli</i> , <i>Fusobacterium</i> , <i>G. vaginalis</i> , <i>K. pneumoniae</i> , <i>L. acidophilus</i> , <i>M. hominis</i> , <i>M. smegmatis</i> , <i>N. gonorrhoeae</i> , <i>Peptococcus</i> , <i>Peptostreptococcus</i> , <i>Propionibacterium</i> , <i>P. vulgaris</i> , <i>R. aeruginosa</i> , <i>S. cerevisiae</i> , <i>S. marcescens</i> , <i>S. faecalis</i> , <i>S. pyogenes</i> , <i>T. globrata</i> , <i>U. urealyticum</i> , <i>S. minnesota</i>
<b>Specificity</b>	Antibody recognizes <i>Chlamydia trachomatis</i> LPS
<b>Shelf Life</b>	24 months
<b>References</b>	Tirola, 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