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Product Datasheet

Anti-Chlamydia trachomatis 6709 SP-5 100073

Product Name	Anti-Chlamydia trachomatis 6709 SP-5
Catalog Number	100073
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Species/Host	Mouse
Tested Applications	FIA
Immunogen	Chlamydia LGV2 strain
Brand	Medix Biochemica
Form/Appearance	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Storage	+2–8 °C
Note	Clone 6709 binds to chlamydial lipopolysaccharide (LPS) and therefore recognizes all chlamydias.
Isotype	IgG2a
Clonality	Monoclonal
Epitope	Chlamydial LPS KDO-trisaccharide
Purity	≥ 95 %
Affinity constant	N/D
Buffer	0.9 % NaCl, 0.095 % NaN3 as a preservative
IEF Profile	6.7–7.5
Cross Reactivity	Recognizes C. pneumoniae and C. psittaci. Does not recognize S. minnesota, B. quintana, B. henselae or S. negevensis.
Specificity	Antibody recognizes Chlamydia trachomatis LPS
Shelf Life	36 months
References	Tiirola, T., Jaakkola, A., Bloigu, A., Paldanius, M., Sinisalo, J., Nieminen, M.S., SilvennoinenKassinen, S., Saikku, P., Jauhiainen, M. and Leinonen, M. (26) Novel enzyme immunoassay utilizing lipopolysaccharide-binding protein as a capture molecule for the measurement of chlamydial lipopolysaccharide in serum. Diag. Microbiol. Inf. Dis. 54:7-12