



Meridian
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CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #:	MAD63-003	Lot #:	H0779.1																				
Description:	MAb to Theophylline Monoclonal Antibody to Theophylline																						
Specificity:	<table><tbody><tr><td colspan="2"><u>Crossreactivity:</u></td><td></td><td></td></tr><tr><td>Aminophylline</td><td>100%</td><td>3-Methylxanthine</td><td>0.4%</td></tr><tr><td>8-Chloro-Theophylline</td><td>2.8%</td><td>1,7-Dimethylxanthine</td><td>0.9%</td></tr><tr><td>Caffeine</td><td>1.2%</td><td>Theobromine</td><td>0.6%</td></tr><tr><td>1-Methylxanthine</td><td>0.3%</td><td></td><td></td></tr></tbody></table>			<u>Crossreactivity:</u>				Aminophylline	100%	3-Methylxanthine	0.4%	8-Chloro-Theophylline	2.8%	1,7-Dimethylxanthine	0.9%	Caffeine	1.2%	Theobromine	0.6%	1-Methylxanthine	0.3%		
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Host Animal:	Mouse	Isotype:	IgG ₁ , kappa																				
Source:	Ascites																						
Format:	Purified, Liquid	Exp. Date:	19 DEC 2021																				
Purification:	> 90% pure (SDS-PAGE). Protein A chromatography. Product is 0.2 µm filtered.																						
Concentration:	5.13 mg/mL (OD280nm, E ^{0.1%} = 1.4)																						
Buffer:	10 mM Phosphate, pH 7.4 containing 150 mM Sodium Chloride.																						
Preservative:	0.1% Sodium Azide																						
Applications:	Specific methodologies have not been tested using this product.																						
Storage:	Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.																						
Safety Note(s):	Refer to the appropriate Safety Data Sheet (SDS) for additional information.																						

Signature

19 December 2019
Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY