

Monoclonal Anti-cotinine

Specification Sheet

Catalog #:	MC014
Lot #:	1711
Description:	Mab to cotinine
Specificity:	Specific to cotinine
Clone:	4G22A7
Host Animal:	Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse
Isotype:	IgG2a, kappa light chain
Source:	Mouse ascites
Immunogen:	Cotinine-BSA
Format:	Purified, liquid
Purification:	DEAE chromatography
Concentration:	3.18 mg/ml (OD280 nm, E ^{0.1%} = 1.40)
Affinity Constant:	Not determined
Buffer:	0.015 M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN ₃ , pH7.2
Pairing Assays:	No pair
Application:	For cotinine quantitative assays by EIA
Purity:	>95% by HPLC and SDS-PAGE
Storage:	2-8° C for 2 years. Long-term store at -20° C

For research use only