



Meridian

Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

5171 Wilfong Road
Memphis, TN 38134
USA

Telephone: 901-382-8716

Fax: 901-333-8223

Email: info@meridianlifescience.com

www.MeridianLifeScience.com

CERTIFICATE OF ANALYSIS

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

Catalog #: G01255M **Lot #:** 13J29017

Description: MAb to Ketamine
Monoclonal Antibody to Ketamine

Specificity: Ketamine
The compounds listed below exhibit cross-reactivity with G01255M, MAb to Ketamine. The concentrations listed in the table gave responses equivalent to 10 ng/ml, 25 ng/ml and 50 ng/ml of d-ketamine.

Compounds	10ng/ml	25ng/ml	50ng/ml
Amitriptyline	32,000	43,000	>50,000
Clomipramine	6,500	11,700	20,000
Cyclobenzaprine	38,000	>50,000	>50,000
Despiramine	45,000	>50,000	>50,000
Imipramine	22,000	35,000	>50,000
Norketamine	300	700	1,300
PCM	350	800	1,900
Perphenazine	40,000	70,000	>100,000
Phencyclidine	360	820	>1,000
B-Phenylethylamine	11,000	>12,500	>12,500

Host Animal: Mouse **Isotype:** IgG₁

Source: Ascites

Immunogen: Ketamine-BgG

Format: Purified, Liquid

Purification: Protein A Chromatography

Concentration: 3.86 mg/mL (OD280nm)

Buffer: 0.05 M Phosphate, pH 7.15 containing 0.85% Sodium Chloride.

Preservative: 0.05% Sodium Azide

Applications: Specific methodologies have not been tested using this product.

Storage: Short term store at 2-8°C. Long term store at -20°C. Avoid multiple freeze/thaw cycles.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Dwenda Dunn

18Oct2017

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY