

## Certificate of Analysis

**Product Description:** GNOME® DNA Isolation Kit, 25 preps\_  
**Catalog Number:** 2010400\_  
**Lot:** 108703\_

**Formula:** N/A  
**CAS #:** N/A  
**Physical Description:** Kit

**Formula Weight:** N/A  
**Storage:** 15 - 30°C

GNOME® DNA Isolation Kit is a rapid and efficient method for isolation of high molecular weight genomic DNA from bacteria, yeast, animal cells, and tissues of all types. No organic extractions are required, and up to 100g of DNA can be isolated per prep from about 100mg of cells or tissue.

Component	Cat#	Lot#	UN#, Packing Group, Classification	Volume
Cell Lysis/Denaturing Solution	2010-401	89161	UN 3082, III, 9	3 mL
RNase Mixx	2010-402	97998		1.4 mL
Protease Mixx	2010-403	QR13053		0.8 mL
Salt-out Mixture	2010-404	70205		15 mL
Cell Suspension Solution	2010-405	74241		50 mL

Test	Specification	Result
Identity Test	Passes	Passes
Cell Lysis/ Denaturing Solution	pH = 6.2 - 6.9	Passes
RNase Mixx	Digests cellular RNA	Passes
Protease Mixx	Digests proteins	Passes
Salt-out Mixture	pH = 6.0 - 6.8	Passes
Cell Suspension Solution	pH = 8.0 - 8.2	Passes
DNA isolation Test	Passes	Passes

**Recommended Retest Date:** 02/27/2018

09/20/2017 - John Huang, PhD  
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Quality Control Manager

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