

Certificate of Analysis

Product: GENE CLEAN® for Ancient DNA Kit
Catalog No.: 1002-200; 1002200
Lot No.: 89147

The GENE CLEAN® for Ancient DNA Kit is designed for isolation of DNA from bone, preserved tissue, soil organisms, animal by-products, etc.

STORAGE CONDITIONS

All GENE CLEAN® Kits are shipped at room temperature. All GENE CLEAN® reagents are stable at room temperature. Salton Wash #2 must be kept away from light and open air sources to prevent oxidation. Salton Wash #2 is packaged under nitrogen gas to further reduce chance of oxidation. Purging Salton Wash #2's bottle with nitrogen gas is a preferred storage method after opening, especially for long-term storage. Ensure that the Salton Wash #2 cap is always very tight. Sealing the cap after opening and during long-term storage is also recommended. See the provided Kit Manual for further indications for Salton Wash #2. Shelf life may be extended by storing at 4°C. Expiration date is October, 2017.

OPTIMAL REACTION PARAMETERS

Up to 20 ug of DNA can be purified from each preparation.

SPECIFICATIONS

Reagent: Dehybernation Solution A
pH Range: 4.8-5.2
The Dehybernation Solution extracted
the DNA from the sample.
UN1760-III, Classification 8
110 ML

Dehybernation Solution A
Cat #: 1002201
Lot #: 74817
Passed

Reagent: Ancient DNA Glassmilk
pH Range: 4.8-5.2
The DNA bound to the Ancient DNA
Glassmilk.
UN1760-III, Classification 8
35 ML

Glassmilk
Cat #: 1002202
Lot #: 88070
Passed

Reagent: Salton Wash #1
pH Range: 4.8-5.2
UN1760-III, Classification 8
60 ML

Salton Wash #1
Cat #: 1002203
Lot #: 82070
Passed

Reagent: Ancient Alcohol Wash
pH Range: 6.4-6.8

Alcohol Wash
Cat #: 1002204
Lot #: 84500
Passed

Reagent: DNA-free Elution Solution
pH Range: 6.8-7.2
Eluted the DNA from the Glassmilk

Elution Solution
Cat #: 1002205
Lot #: 75030
Passed

Reagent: Salton Wash #2
pH Range: 6.8-7.4

Salton Wash #2
Cat #: 1002208
Lot #: 76565
Passed

Dehybernation Solution B
pH Range: 4.8-5.2

Dehybernation Solution B
Cat #: 1002209
Lot #: 76451
Passed

Dehybernation Solution A2
UN3082-III, Classification 9
18 ML

Dehybernation Sol A2
Cat #: 1002211
Lot #: 61828
Passed

REAGENT PERFORMANCE

All reagents are stable at room temperature. Overexposure to oxygen or contaminants will cause oxidation and subsequently a rise in the pH of the Salton Wash #2.

In order to pass quality control tests:

The samples containing bone must show an amplified PCR product at the appropriate size. The negative controls must be free of any amplified PCR product.



07/11/2016 - John Huang, PhD
QBioGene/MP Biomedicals, LLC
Quality Control Manager

MSDS available online at www.mpbio.com