

## Certificate of Analysis

### Wizard® Genomic DNA Purification Kit

Cat.# A1120, A1125

Lot# 0000289041

Cat.# A1120 provides sufficient reagents for 100 isolations of genomic DNA from 300µl whole blood samples.

Includes:

Part#	Name	Size
A793A	Cell Lysis Solution	100ml
A795A	Protein Precipitation Solution	25ml
A796A	DNA Rehydration Solution	50ml
A797A	RNase Solution	250µl
A7941	Nuclei Lysis Solution	50ml

Cat.# A1125 provides sufficient reagents for 500 isolations of genomic DNA from 300µl whole blood samples.

Includes:

Part#	Name	Size
A793A	Cell Lysis Solution	5 × 100ml
A795A	Protein Precipitation Solution	5 × 25ml
A796A	DNA Rehydration Solution	2 × 50ml
A797A	RNase Solution	5 × 250µl
A7941	Nuclei Lysis Solution	5 × 50ml



Instructions for use of this product can be found in the Wizard® Genomic DNA Purification Kit Technical Manual #TM050, available online at: [www.promega.com/tbs](http://www.promega.com/tbs)

**Storage Conditions:** Store at +15°C to +30°C.

**Expiration Date:** See product label for expiration date.

## Quality Control Assays

This lot of RNase Solution (A797) passes the following Quality Control specifications:

**Endonuclease Assay:** To test for endonuclease activity, 1µg of Type I supercoiled plasmid DNA is incubated with 4µg of RNase Solution for one hour at 37°C. Following incubation, the supercoiled DNA is visualized on an ethidium bromide-stained agarose gel to verify the absence of visible nicking or cutting.

**DNase Assay:** To test for nuclease activity, 50ng of radiolabeled DNA is incubated with 5µl RNase Solution for 5 hours at 37°C. The specification is <1% release for DNase as monitored by scintillation counting of TCA-soluble material.



**Promega**

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Signed by:

R. Wheeler, Quality Assurance