

# Certificate of Analysis

DNAzol™ Reagent, for isolation of genomic DNA from solid and liquid samples

Product No. 11558626, 10503027

Lot No. 10108922

Date of Manufacture 16-Jul-2024

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## Appearance

Specification: Product appears as one uniform clear phase at room temperature, blue-green in color and slightly viscous.

Results: Meets specification.

## Volume

Specification: 103 +/- 3 ml

Results: Meets specification.

## DNA isolation from rat kidney

Specification: 1.7 - 2.0

Results: Meets specification.

## Restriction Endonuclease digestion

Specification: Incubation with *EcoR* I or *Pst* I (4 units/μg DNA) for 3 - 18 hours at 37°C results in digestion of 95-100% of the DNA.

Results: Meets specification.

## Agarose gel electrophoresis

Specification: Shows the DNA presented in two bands of approximately 20 - 40 kb and 60 - 100 kb.

Results: Meets specification.

### **DNA Suitability**

Specification: Evaluation by PCR and successful amplification of target sequence by gel electrophoresis.

Results: Meets specification.

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For Research Use Only. Not for use in diagnostic procedures.

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