

Certificate of Analysis

**Name of Product** Plant DNA Extraction Kit  
**Manufacturer** Proteogenix, Pearls Business Park, Netaji Subhash Palace, New Delhi 110034, India  
**Manufacturing Date** 25-07-2025  
**Expiry Date** 25-07-2026

Description	Quantity	Cat. No.	Lot No.	Colour	Clarity
Lysis Buffer	30 mL	PX-PTD-LB	PNE4012507LB	Colourless	Clear
Precipitation Buffer	15 ml	PX-PTD-PB	PNE4012507PB	Colourless	Clear
Binding Buffer	40 mL	PX-PTD-BB	PNE4012507BB	Colourless	Clear
Wash Buffer 1	30 mL	PX-PTD-WB1	PNE4012507WB1	Colourless	Clear
Wash Buffer 2	30 mL	PX-PTD-WB2	PNE4012507WB2	Colourless	Clear
Elution Buffer	5 mL	PX-PTD-EB	PNE4012507EB	Colourless	Clear
Spin Column	50 pieces	PX-SPD-SC	PNE2507SC	-	
Collection Tube	50 pieces	PX-PW-CT	PNE2507CT	-	
RNase	2 mL	PX-EN-101	PE1012507EN	Colourless	Clear

Quality Control Assessment

Component	Parameter	Spec / Reference	Result(s)
<b>Lysis Buffer</b>	pH	7.0-8.0	7.8
	Conductivity mS/cm	45 – 55	52
	Functional Test	Passed	
<b>Binding Buffer</b>	pH	7.0-9.0	8.2
	Conductivity mS/cm	38 – 45	42
	Functional Test	Passed	–
<b>Wash Buffer 1</b>	pH	7.0-9.0	8.5
	Conductivity mS/cm	50 – 60	59
	Functional absence of RNase/DNase	–	–
<b>Wash Buffer 2</b>	pH	7.0-9.0	8.6
	Conductivity mS/cm	28 – 35	33
	Functional absence of RNase/DNase	Passed	–
<b>Elution Buffer</b>	pH	7.6-8.0	8.0
	Conductivity mS/cm	0.2 – 0.4	0.3
<b>Spin Columns (mini)</b>	Yield / Recovery efficiency	≥ 90% of reference	–
	Functional absence of inhibitors	Passed	–
<b>Collection Tubes</b>	Integrity check	Passed	–
	Leakage test	Passed	–

**Storage Recommendations**  
 Store at Room Temperature.

**Test Conducted by** Dr. Megha Kaushik

**Testing Date** 10-08-2025

**Release Date:** 10-03-2025  
**Product Code:** PX-PTD-401

**Product Name:** Plant DNA Extraction kit

## Authorized Signature



Dr. Megha Kaushik  
Chief Scientific Officer  
Proteogenix

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**Disclaimer:** This certificate certifies that the product meets the outlined specifications. We are committed to ensure that our products meet the highest quality standards, and we stand behind the efficacy and reliability of our offerings. If you have any questions or require further information, please reach out at technical services. Actual results may differ based on experimental techniques and sample types. Users should perform their own validations tailored to their specific use case.