

Certificate of Analysis

**Name of Product** Pro Plasmid Extraction Kit (Bacterial)  
**Manufacturer** Proteogenixx, Pearls Business Park, Netaji Subhash Palace, New Delhi 110034, India  
**Manufacturing Date** 25-04-2025  
**Expiry Date** 25-04-2026

Kit Components

Description	Quantity	Lot No.	Colour	Clarity
Resuspension Buffer	15 ml	PNE6012507RB	Colourless	Clear
Lysis Buffer	15 ml	PNE6012507LB	Colourless	Clear
RNase A Solution	1 ml	PE1012507EN	Colourless	Clear
Neutralization Buffer	20 ml	PNE6012507NB	Colourless	Clear
Wash Buffer 1	40 ml	PNE6012507WB1	Colourless	Clear
Wash Buffer 2	30 ml	PNE6012507WB2	Colourless	Clear
Wash Buffer 3	30 ml	PNE6012507WB3	Colourless	Clear
Elution Buffer	5 ml	PNE6012507EB	Colourless	Clear
Spin Columns (mini)	50 pieces	PNE2507SC		
Collection Tubes	50 pieces	PNE2507CT		

Performance Criteria (Buffers for Plasmid Extraction Kit)

**Specification:** Use of specifically designed buffers for plasmid extraction from bacterial culture

Quality Control Assessment

Component	Parameter	Spec / Reference	Result(s)
<b>Resuspension Buffer</b>	pH	7.6-8.0	8.0
	Conductivity mS/cm	35 – 45	40
	Functional Test	Passed	–
<b>Lysis Buffer</b>	pH	8.0-9.0	8.5
	Conductivity mS/cm	45 – 55	51
	Functional Test	Passed	
<b>Neutralization Buffer</b>	pH	5.0-7.0	5.5
	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	58
	Functional absence of RNase/DNase	–	–
<b>Wash Buffer 2</b>	pH	7.0-9.0	8.6
	Conductivity mS/cm	28 – 35	32
	Functional absence of RNase/DNase	Passed	–
<b>Wash Buffer 3</b>	pH	7.0-9.0	8.6
	Conductivity mS/cm	28 – 35	32
	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	–

**Release Date:** 02-05-2025  
**Product Code:** PX-BPD-601

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**Storage Recommendations:** Store buffers at room temperature, Store RNase Solution at 2-8°C.

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**Test Conducted by** Dr. Megha Kaushik  
**Authorized Signature**

**Testing Date** 02-05-2025



DR. MEGHA KAUSHIK  
DELHI

Dr. Megha Kaushik  
Chief Scientific Officer  
Proteogenix Life science Private Limited

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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 +919821999891 or from our website at [www.proteogenix.com](http://www.proteogenix.com). Actual results may differ based on experimental techniques and sample types. Users should perform their own validations tailored to their specific use case.

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