

Certificate of Analysis

<b>Name of Product</b>	Pro DNA Extraction (Whole Blood)
<b>Manufacturer</b>	Proteogenixx, Pearls Business Park, Netaji Subhash Palace, New Delhi 110034, India
<b>Manufacturing Date</b>	08-04-2025
<b>Expiry Date</b>	08-04-2027

Kit Components

Description	Quantity
Pre lysis Buffer	12 ml
Lysis Buffer	12 ml
Binding Buffer	30ml
Wash Buffer 1	30 ml
Wash Buffer 2	30 ml
Elution Buffer	5 ml
Spin Columns (mini)	50 pieces
Collection Tubes	50 pieces

Performance Criteria (Buffers for Whole Blood DNA Extraction Kit)

**Specification:** Use of specifically designed buffers for DNA Extraction from Whole Blood

Quality Control Assessment

Component	Parameter	Spec / Reference	Result(s)
<b>Pre-lysis Buffer</b>	pH	7.6-8.0	8.0
	Conductivity mS/cm	35 – 45	40
	Functional Test	Passed	–
<b>Lysis Buffer</b>	pH	7.0-8.0	7.8
	Conductivity mS/cm	45 – 55	51
	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	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>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:** 15-04-2025  
**Product Code:** PX-WBD-101

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**Storage Recommendations:** Store at room temperature

**Test Conducted by** Dr. Megha Kaushik

**Testing Date** 15-04-2025

**Authorized Signature**



Dr. Megha Kaushik  
Chief Scientific officer  
Proteogenix Lifescience Pvt. Ltd.

**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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