

# Certificate of Analysis



Level 2, 321 Kent Street, Sydney NSW 2000, Australia

Phone: +61 2 8228 2719  
Email: [info@geneabiomedx.com](mailto:info@geneabiomedx.com)  
Website: [geneabiomedx.com](http://geneabiomedx.com)

## Product Details

**Product description:** Sperm Buffer  
**Product code** SPB-50  
**Lot number:** J000007316  
**Expiry date:** 14 Apr. 2026

## Intended Use

Sperm Buffer is used to wash and resuspend sperm for the insemination step in intrauterine insemination (IUI), IVF or in diagnostic washing.

## Product Analysis

Assay	Specification	Result
pH at 25 °C in air	7.3 – 7.5	Pass
Osmolality	285 – 295 mOsm/kg	Pass
MEA	MEA (1-cell): ≥80% developed to blastocyst stage or beyond by 96 hours	Pass
Sperm Toxicity Test	Sperm Survival Tested	Pass
Endotoxin	<0.40 EU/mL	Pass
Sterility	No Growth	Pass
HSA Analysis	7.50 – 12.50 mg/mL	Pass
Gentamicin	0.0075 – 0.0125 mg/mL	Pass

## Product passed and released by Quality

**Signature:**

A handwritten signature in black ink, appearing to read 'Elliot Atchison'.

Electronically signed by:  
Elliot Atchison  
Reason: Approval  
Date: Jun 13, 2025 12:33  
GMT+10

**Name:** Elliot Atchison

**Job Title:** QA Lead

**Date:** 13 Jun. 2025








# QA Release Checklist - Initial - J000007316

Final Audit Report

2025-06-13

Created:	2025-06-13 (Australian Eastern Standard Time)
By:	Elliot Atchison (elliott.atchison@geneabiomedx.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAAdUcmfZOEIndFXRxl-cpk1canya-uuu-u

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