


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <b>25925</b> Accredited to ISO 15189:2022	<b>ExamenLab Ltd</b>	
	<b>Issue No: 006</b>	<b>Issue date: 08 August 2025</b>
	<b>Unit 18 A, Block K</b> <b>Weaver's Court Business Park</b> <b>Linfield Road</b> <b>Belfast</b> <b>BT12 5GH</b>	<b>Contact: Fionnuala Patterson</b> <b>Tel: +44 (0) 289 023 8915</b> <b>E-Mail: fionnuala.patterson@examenlab.com</b> <b>E-Mail: Martin.Lawlor@examenlab.com</b> <b>Website: https://examenlab.com/</b>
<b>Testing performed at the above address only</b>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Semen	DNA fragmentation testing of sperm for the purposes of indicating fertility status.  Assessment of the % of DNA fragmentation in sperm cells	Exact test and Exact Focus test using SpermComet® technology for determining DNA fragmentation in sperm.  Analysis using fluorescence microscopy (Zyla) and Andor Komet software.  Single cell gel electrophoresis, measuring DNA damage levels by fluorescence microscopy and image analysis.  SOP: QW014
Semen	Double-stranded DNA fragmentation testing of sperm for the purposes of indicating fertility, ART outcome & miscarriage status.  Assessment of the % of double-stranded DNA fragmentation in sperm cells	Extend test and Extend Focus test using SpermComet® technology for determining double-stranded DNA fragmentation in sperm.  Analysis using fluorescence microscopy (Zyla) and Komet software.  Single cell gel electrophoresis, measuring double-stranded DNA damage levels by fluorescence microscopy and image analysis.  SOP: QW052



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Semen	<u>Andrology examinations for aid of clinical diagnosis</u>  Fertility Testing:	Based on WHO laboratory manual for the examination and processing of human semen (Sixth edition 2021) and manual method and documented in house procedure  SOP SA P001
Semen	Semen pH	Colorimetric Strips
Semen	Semen volume	Volume/weight
Semen	Sperm concentration	Manual microscopy using improved Neubauer counting chamber and phase contrast microscopy  Microscope (Phase contrast)
Semen	Sperm motility	
Semen	Sperm Morphology including TZI scoring	Stained slides (Tetsimplets) and microscopy (Bright field)
Semen	Detection of sperm for suspected Azoospermic or Cryptozoospermic samples	Manual method using documented in house procedures by large volume chambers manual microscopy
END		