



# MLS BioDNA Ltd.

## Scope of Accreditation

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### ACCREDITATION INFORMATION - TESTING LABORATORY

<b>Accreditation No.</b>	005
<b>Accreditation Certificate No.</b>	005/2
<b>Accredited according to</b>	MSA EN ISO/IEC 17025
<b>Accreditation Scope No.</b>	S005/2
<b>Date of issue of this Scope</b>	01 December 2008

### SCOPE OF ACCREDITATION

**Issue No: S005/2**

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### TESTING LABORATORY

#### Laboratory Locations

<i>Location Details</i>	<i>Activity</i>	<i>Location Code</i>
<b>Address</b> KBIC Units 2150, 2160, Kordin Industrial Estate, Paola, Malta	Chemical Tests DNA Tests Forensic Analysis Food Microbiology Tests	A

#### Site activities performed away from the locations listed above

<i>Location Details</i>	<i>Activity</i>	<i>Location Code</i>
N/A	N/A	N/A



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ATG04	Material/ Product/ Matrix Tested/ Calibrated	Type of test/ calibration and/or property measured, range of measurement	Standard Specifications/ In-House Methods/ Equipment/ Techniques	Loc. code
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**DNA Profiling**

	Cellular Material	Human mitochondrial DNA analysis of the control region and comparison of results with reference samples	In house methods using extraction, amplification (PCR), electrophoresis and genetic characterization	A
1059	Any material or object	Forensic analysis Identification blood and semen	In house method using tests for enzyme activity MBDSOPTC019, MBDSOPTC020	A
1076.01	Molecular Diagnostics	Hepatitis B Hepatitis C Leishmania Chlamydia trachomatis Neisseria Gonorrhoea Human Papilloma Virus	MBDSOPTC021, MBDSOPTC022, MBDSOPTC023, MBDSOPTC024, MBDSOPTC025, MBDSOPTC026, MBDSOPTC027, MBDSOPTC028, MBDSOPTC029	A
1076.06	Bird Sexing	Genotyping	MBDSOPTC030	A
1076.06	Buccal swabs	Paternity and relationship testing	In house methods using extraction, amplification (PCR), electrophoresis and genetic characterization.	A



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ATG04	Material/ Product/ Matrix Tested/ Calibrated	Type of test/ calibration and/or property measured, range of measurement	Standard Specifications/ In-House Methods/ Equipment/ Techniques	Loc. code
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1076.06	Buccal swab, Blood (Absorbent Material), Blood (Non-Absorbent Material), Semen (Absorbent Material), Semen (Non-Absorbent Material), Chewing Gum, Cigarette, Hair, Nails, Liquid Urine, Faecal Matter	DNA extraction using Genomic DNA extraction Kit	MBDSOPTC001, MBDSOPTC002, MBDSOPTC003, MBDSOPTC004 , MBDSOPTC005, MBDSOPTC006, MBDSOPTC007, MBDSOPTC008, MBDSOPTC009, MBDSOPTC011, MBDSOPTC012	A
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1076.06	Vaginal swabs	DNA extraction using the Differential Lysis method	MBDSOPTC013	A
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1076.06	DNA	DNA Sequencing	MBDSOPTC037	A
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1076.06	Blood	DNA Extraction	MBDSOPTC038	A
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1076.06	Blood, body tissues and fluids, buccal swabs, hair, saliva and semen	Forensic Analysis DNA profiling: Analysis of STR loci	In house methods using extraction, amplification (PCR), electrophoresis and genetic characterization.	A
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1076.06	Buccal swab	Sample Collection	MBDSOPTC040	A
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1076.06	Twin Zygosity	DNA Extraction	MBDSOPTC042	A
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### Microbiology

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ATG04	Material/ Product/ Matrix Tested/ Calibrated	Type of test/ calibration and/or property measured, range of measurement	Standard Specifications/ In-House Methods/ Equipment/ Techniques	Loc. code
811	Food products	Enumeration of Staphylococcus Aureus	MBDSOPTC031 (Confirmation by latex test)	A
811	Food products	Detection of Salmonella Enterica using real time PCR technology	MBDSOPTC032	A
811	Food products	Detection of Campylobacter Jejuni using real time PCR technology	MBDSOPTC033	A
811	Cheese, chicken	Detection of Listeria Monocytogenes using real time PCR technology	MBDSOPTC034	A
811.04	Meat	Escherichia Coli (E-Coli) 0157	MBDSOPTC035 Rev1	A
811.04	Food products	Enumeration of Total Coliforms	MBDSOPTC036 Rev1	A

**END OF SCOPE**

**This scope of accreditation may be revised from time to time by NAB-MALTA. To obtain an up-to-date scope contact NAB-MALTA on +356 21255548 ([info@nabmalta.org.mt](mailto:info@nabmalta.org.mt)).**

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