



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Laboratory Corporation of America Holdings
1440 York Court
Burlington, NC 27215

Fulfills the requirements of

ISO 15189:2022

In the field of

MEDICAL AND CLINICAL LABORATORIES

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to be 'J. Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 03 November 2026

Certificate Number: AM-3146



This medical laboratory is accredited in accordance with the recognized International Standard ISO 15189:2022.
This accreditation demonstrates technical competence for a defined scope and the operation of a medical laboratory
quality management system ([refer to joint IAF-ILAC-ISO Communiqué dated November 2021](#)).

SCOPE OF ACCREDITATION TO ISO 15189: 2022

Laboratory Corporation of America Holdings

1440 York Court
Burlington, NC 27215

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MEDICAL/CLINICAL TESTING

Valid to: **November 3, 2026**

Certificate Number: **AM-3146**

Compatibility Testing

Sub-Specialty	Test-Analyte	Method	Matrix
Histocompatibility	HLA Typing (Loci: A,B,C, DRB1/3/4/5, DPA1, DPB1, DQA1, DQB1)	Next Generation Sequencing (NGS) PacBio Platform	Blood, dried blood spot cards, buccal swabs, genomic DNA
Histocompatibility	HLA Typing (Loci: A,B,C, DRB1/3/4/5, DPB1, DPA1, DQB1, DQA1)	Next Generation Sequencing (NGS) Illumina Platform	Blood, dried blood spot cards, buccal swabs, genomic DNA
Histocompatibility	HLA-B27 Typing / Disease Association	SSOP / Next Generation Sequencing (NGS) Illumina Platform	Blood, buccal swabs
Histocompatibility	HLA-B57 Typing / Disease Association	SSOP / SBT (Sanger Sequencing)	Blood, buccal swabs
Histocompatibility	HLA-A*02:01	Next Generation Sequencing (NGS) PacBio Platform	Blood, buccal swabs
Histocompatibility	HLA-A29 Uveitis, Birdshot Retinopathy	Next Generation Sequencing (NGS) PacBio Platform	Blood, buccal swabs
Histocompatibility	HLA-B*15:02 Carbamazepine Sensitivity	Next Generation Sequencing (NGS) PacBio Platform	Blood, buccal swabs
Histocompatibility	HLA-B*15:02 and HLA- A*31:01 Carbamazepine Sensitivity	Next Generation Sequencing (NGS) PacBio Platform	Blood, buccal swabs
Histocompatibility	HLA-B51 Bechet's Syndrome	Next Generation Sequencing (NGS) PacBio Platform	Blood, buccal swabs

Compatibility Testing

Sub-Specialty	Test-Analyte	Method	Matrix
Histocompatibility	HLA-B*58:01 Allopurinol	Next Generation Sequencing (NGS) PacBio Platform	Blood, buccal swabs
Histocompatibility	HLA-DR15 Immunosuppressive Response (MDS)	Next Generation Sequencing (NGS) PacBio Platform	Blood, buccal swabs
Histocompatibility	HLA-DR4 Rheumatoid Arthritis	Next Generation Sequencing (NGS) PacBio Platform	Blood, buccal swabs
Histocompatibility	Celiac Disease Association	Luminex SSO	Blood
Histocompatibility	Killer Immunoglobulin-like Receptors (KIR) presence/absence	Luminex SSO	Blood
Histocompatibility	HLA Antibody Identification	Luminex bead-based assay	Serum
Histocompatibility	ImmuKnow Cell Function Assay	ATP luciferase assay	Blood
Parentage Testing	Autosomal loci	STR	Blood, buccal swabs
Parentage Testing	X and Y chromosome loci	STR	Blood, buccal swabs
Parentage Testing	Engraftment Monitoring	STR	Blood, bone marrow
Parentage Testing	Cell Sorting (CD3, CD56, CD19, CD15, CD33/66B)	Positive Selection	Blood, bone marrow
Parentage Testing	Cell Line Authentication	STR	Cells
Parentage Testing	Mycoplasma	qPCR	Genomic DNA, cell pellet

Genetics

Sub-Specialty	Test-Analyte	Method	Matrix
Molecular Genetics	SNP	SNP Array testing	Saliva
Molecular Genetics	Apolipoprotein E (APOE)	SNP Array testing	Blood Saliva

Microbiology

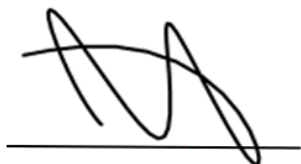
Sub-Specialty	Test-Analyte	Method	Matrix
Molecular Microbiology	Microbiome	NGS (Illumina)	Fecal Swab

Primary Sample Collection

Type of Sample	Sampling Procedure
Blood	Phlebotomy
Buccal Swab	Swab
Fecal Swab	Swab
Cells	Phlebotomy
Bone Marrow	Aspirate
Saliva	Self-collect

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AM-3146.



Jason Stine, Vice President