



# AIHA Laboratory Accreditation Programs, LLC

## SCOPE OF ACCREDITATION

### Assured Bio Labs, LLC

228 Midway Lane, Suite B, Oak Ridge, TN 37830

Laboratory ID: LAP-183867

Issue Date: 06/09/2022

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

### Environmental Microbiology Laboratory Accreditation Program (EMLAP)

**Initial Accreditation Date: 11/01/2007**

EMLAP Scope Category	Field of Testing (FOT)	Component, parameter or characteristic tested	Method	Method Description <i>(for internal methods only)</i>
Bacterial	Air - Culturable	Air	SOP 125	Sample Processing for Bacterial ViaScan (Culture)
Bacterial	Bulk - Culturable	Bulks (liquid or solid)	SOP 125	Sample Processing for Bacterial ViaScan (Culture)
Bacterial	Legionella	Bulk (liquid and solid) and Surface (swab)	SOP 206	Detection of Legionella in Environmental Samples via Culture (ISO 11731 2017)
Bacterial	Legionella	Bulks (liquid or solid)	SOP 165	Detection of Legionella in Environmental Samples via Culture (CDC ELITE)
Bacterial	Surface - Culturable	Surface (swab & contact plate)	SOP 125	Sample Processing for Bacterial ViaScan (Culture)
Fungal	Air - Culturable	Air	SOP 122	Sample Processing for Fungal ViaScan (Culture)
Fungal	Bulk - Culturable	Bulks (liquid or solid)	SOP 122	Sample Processing for Fungal ViaScan (Culture)
Fungal	Surface - Culturable	Surface (swab & contact plate)	SOP 122	Sample Processing for Fungal ViaScan (Culture)
Molecular	PCR - Bacterial Culture Identification	Bacterial Culture Isolate	SOP 117	DNA Sample Preparation
Molecular	PCR - Bacterial Culture Identification	Bacterial Culture Isolate	SOP 118	Polymerase Chain Reaction
Molecular	PCR - Bacterial Culture Identification	Bacterial Culture Isolate	SOP 119	Agarose Gel Electrophoresis
Molecular	PCR - Bacterial Culture Identification	Bacterial Culture Isolate	SOP 120	Agarose Gel Imaging
Molecular	PCR - Bacterial Culture Identification	Bacterial Culture Isolate	SOP 148	PCR Amplicon Cleanup Using the Omega Bio-Tek E.Z.N.A Cycle Pure Kit (D6492-01)
Molecular	PCR - Bacterial Culture Identification	Bacterial Culture Isolate	SOP 223	Submitting and Analyzing DNA Sequences
Molecular	PCR - Bacterial Culture Identification	Bacterial Culture Isolate	SOP 225	Bead Based DNA Extraction

Effective: 06/07/2022

Revision: 7.2

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EMLAP Scope Category	Field of Testing (FOT)	Component, parameter or characteristic tested	Method	Method Description (for internal methods only)
Molecular	PCR - Fungal Culture Identification	Fungal Culture Isolate	SOP 117	DNA Sample Preparation
Molecular	PCR - Fungal Culture Identification	Fungal Culture Isolate	SOP 118	Polymerase Chain Reaction
Molecular	PCR - Fungal Culture Identification	Fungal Culture Isolate	SOP 119	Agarose Gel Electrophoresis
Molecular	PCR - Fungal Culture Identification	Fungal Culture Isolate	SOP 120	Agarose Gel Imaging
Molecular	PCR - Fungal Culture Identification	Fungal Culture Isolate	SOP 148	PCR Amplicon Cleanup Using the Omega Bio-Tek E.Z.N.A Cycle Pure Kit (D6492-01)
Molecular	PCR - Fungal Culture Identification	Fungal Culture Isolate	SOP 223	Submitting and Analyzing DNA Sequences
Molecular	PCR - Fungal Culture Identification	Fungal Culture Isolate	SOP 225	Bead Based DNA Extraction
Molecular	PCR - Legionella	Legionella Culture Isolate	SOP 117	DNA Sample Preparation
Molecular	PCR - Legionella	Legionella Culture Isolate	SOP 118	Polymerase Chain Reaction
Molecular	PCR - Legionella	Legionella Culture Isolate	SOP 119	Agarose Gel Electrophoresis
Molecular	PCR - Legionella	Legionella Culture Isolate	SOP 120	Agarose Gel Imaging
Molecular	PCR - Legionella	Legionella Culture Isolate	SOP 148	PCR Amplicon Cleanup Using the Omega Bio-Tek E.Z.N.A Cycle Pure Kit (D6492-01)
Molecular	PCR - Legionella	Legionella Culture Isolate	SOP 223	Submitting and Analyzing DNA Sequences
Molecular	PCR - Legionella	Legionella Culture Isolate	SOP 225	Bead Based DNA Extraction
Molecular	qPCR - Legionella pneumophila	Bulk (liquid and solid), Surfaces, Air	SOP 117	DNA Sample Preparation
Molecular	qPCR - Legionella pneumophila	Bulk (liquid and solid), Surfaces, Air	SOP 195	Detection of Legionella in Environmental Samples via qPCR
Molecular	qPCR - Legionella pneumophila	Bulk (liquid and solid), Surfaces, Air	SOP 225	Bead Based DNA Extraction
Molecular	qPCR - Mold Specific qPCR	Bulk (liquid and solid), Surfaces, Air	SOP 141	Sampling Procedures, Dust (MSQPCR or Viable)
Molecular	qPCR - Mold Specific qPCR	Bulk (liquid and solid), Surfaces, Air	SOP 143	Preparation, Processing, and Analysis of MSQPCR Samples
Molecular	qPCR - Mold Specific qPCR	Bulk (liquid and solid), Surfaces, Air	SOP 217	Resuspending and Aliquoting primers, probes, and MSQPCR kits
Molecular	qPCR - Mold Specific qPCR	Bulk (liquid and solid), Surfaces, Air	SOP 225	Bead Based DNA Extraction
Molecular	qPCR - Mold Specific qPCR	Bulk (liquid and solid), Surfaces, Air	SOP 23	Data Reporting for MSQPCR Testing
Molecular	qPCR - SARS-CoV-2	Air (M-Trap), Surface (swab)	SOP 236	Reverse Transcription from RNA to cDNA using the High Capacity cDNA Reverse Transcription Kit
Molecular	qPCR - SARS-CoV-2	Air (M-Trap), Surface (swab)	SOP 237	Extraction of Viral RNA using In-House Kit
Molecular	qPCR - SARS-CoV-2	Air (M-Trap), Surface (swab)	SOP 239	Preparation and Analysis of Samples for SARS-CoV-2



A complete listing of currently accredited EMLAP laboratories is available on the AIHA LAP, LLC website at:  
<http://www.aihaaccreditedlabs.org>