

August 29, 2013

IGeneX, Inc. has been offering "high complexity tests" since 1992. It is licensed by Centers for Medicare and Medicaid Services (CMS), formally known as CLIA and bills Medicare in the U.S. In addition, it holds California, New York, Maryland, Pennsylvania and Florida licensure since these States require a separate license to perform testing for patients.

To ensure that it maintains the standards of a High Complexity Testing Laboratory, IGeneX is inspected by the California Department of Public Health (CDPH), CMS and New York State Department of Health (NYDH) biannually. IGeneX was last inspected by CDPH and CMS in 2013 and NYDH in 2011.

Proficiency Testing (PT)

In order to monitor the testing quality, PT must be performed on every test offered by a clinical laboratory. We have passed annual PT for all tests offered in the last 10 years. This includes New York, CAP and Internal Proficiency Testing (for tests where external proficiency is not offered).

Validation Protocol

Before IGeneX offers any laboratory developed test for clinical use, extensive validation is carried out as described in our validation protocol (part of the QC-QA procedure). This process has been reviewed and accepted by CDPH, CMS and NYDH. Before a new test can be offered in New York State, NYPH has to review and accept the new test validation.

The following tests are not offered in New York State: confirmation test for the 31kDa band on the Western blot, Lyme Dot-Blot assay (LDA), Lyme IFA, Bartonella FISH, CD57 and B. duncani IFA.

For further information, feel free to contact me at 800-832-3200.

Regards.

Nick S. Harvo

Nick S. Harris, Ph.D., ABMLI President/CEO IGeneX, Inc.

New York State Department of Health

PFI: 3172

Clinical Laboratory Permit

CLIA: 05D0643914

IGeneX Inc Reference Laboratory 795 San Antonio Road Palo Alto CA 94303

Director: Jyotsna S. Shah, Ph.D. Owner: IGeneX, Inc

is hereby authorized to perform laboratory procedures at the above location in the following categories in accordance with Article 5, Title V, Section 575 of the Public Health Law. This permit shall become void upon a change in the director, owner or location of the laboratory, and an application for a new permit shall be made to the Department.

Bacteriology Restricted (limited to molecular techniques) Diagnostic Immunology Diagnostic Services Serology (not including lyme urine antigen test) Parasitology Restricted

Renewal Effective Date: July 1, 2014 Expiration Date: June 30, 2015

Subject to Revocation Permit Not Transferable

CENTERS FOR MEDICARE & MEDICAID SERVICES CLINICAL LABORATORY IMPROVEMENT AMENDMENTS

CERTIFICATE OF COMPLIANCE

LABORATORY NAME AND ADDRESS

IGENEX INC 795 SAN ANTONIO RD PALO ALTO, CA 94303-4801

LABORATORY DIRECTOR

JYOTSNA S SHAH DIRECTOR

CLIA ID NUMBER 05D0643914 EFFECTIVE DATE 09/20/2013 EXPIRATION DATE 09/19/2015

Porsuant to Section 353 of the Public Health Services Act (42 UNIC, 263a) as revised by the Clinical Laboratory Improvement Amendments (CLIA), the above named laboratory located at the address shown herein (and other approved locations) may accept homem specimens for the purposes of performing laboratory craminations or procedures.

This certificate shall be valid until the expiration date above, but is subject to reversation, suspension, limitation, or other sanctions for violation of the Act or the regulations promulgated theremaker.

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Judith A. Yost, Director Division of Laboratory Services Survey and Certification Group Center for Medicaid and State Operations

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State of California Department of Public Health CLINICAL LABORATORY LICENSE

In accordance with the provisions of Chapter 3, Division 2 of the Business and Professions Code, the persons named below are hereby issued a license authorizing operation of a clinical laboratory at the indicated address or other site(s) on file with the department.

IGENEX, INC REFERENCE LABORATORY 795 SAN ANTONIO ROAD PALO ALTO CA 94303

CALIFORN'

OWNER(S):

IGENEX, INC. NICK S. HARRIS PHD ALINE HARRIS SHAH, JYOSTNA S.

DIRECTOR(S): JYOTSNA S SHAH PHD

Lab ID Number: CLF 00004033

Effective Date: December 31, 2014 Valid Until: December 30, 2015 CLIA Number: 05D0643914

Beatrice Kelle

Beatrice R. O'Keefe, Division Chief Laboratory Field Services