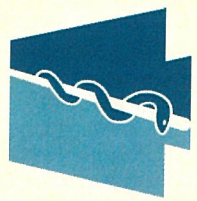


CLINICAL LABORATORY PERMIT



pennsylvania
DEPARTMENT OF HEALTH

Pursuant to the act of September 26, 1951, P.L. 1539 as amended, a Permit to operate a Clinical Laboratory is hereby granted to:

Laboratory Identification Number: 33933

Name and Director of Laboratory:

UAHSF-MEDICAL GENOMICS LABORATORY
LUDWINE MESSIAEN
720 20TH STREET SOUTH, SUITE 330
BIRMINGHAM, AL 35294

Owner:

UNIVERSITY OF AL HEALTH SERVICE FOUNDATION

ISSUE DATE: August 15, 2018

DATE EXPIRES: August 15, 2019

Rachel L. Levine, MD
Secretary of Health

DISPLAY THIS CERTIFICATE PROMINENTLY

This permit is subject to revocation, suspension, or limitation for violation of the Act or the Regulations promulgated thereunder.