CENTERS FOR MEDICARE & MEDICAID SERVICES
CLINICAL LABORATORY IMPROVEMENT AMENDMENTS
CERTIFICATE OF ACCREDITATION

LABORATORY NAME AND ADDRESS
IOWA INSTITUTE OF HUMAN GENETICS - CCO
5283 CARVER BIOMEDICAL RESEARCH BUILDING
285 NEWTON ROAD
IOWA CITY, IA 52242
LABORATORY DIRECTOR
RICHARD SMITH M.D.

CLIA ID NUMBER
16D2053873

EFFECTIVE DATE
12/10/2013

EXPIRATION DATE
12/09/2015

Pursuant to Section 353 of the Public Health Services Act (42 U.S.C. 263a) as revised by the Clinical Laboratory Improvement Amendments (CLIA), the above named laboratory located at the address shown hereon (and other approved locations) may accept human specimens for the purposes of performing laboratory examinations or procedures. This certificate shall be valid until the expiration date above, but is subject to revocation, suspension, limitation, or other sanctions for violation of the Act or the regulations promulgated thereunder.

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

If you currently hold a Certificate of Compliance or Certificate of Accreditation, below is a list of the laboratory specialties/subspecialties you are certified to perform and their effective date:

<table>
<thead>
<tr>
<th>LAB CERTIFICATION (CODE)</th>
<th>EFFECTIVE DATE</th>
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<tbody>
<tr>
<td>CYTOGENETICS (900)</td>
<td>12/10/2013</td>
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FOR MORE INFORMATION ABOUT CLIA, VISIT OUR WEBSITE AT WWW.CMS.HHS.GOV/CLIA OR CONTACT YOUR LOCAL STATE AGENCY. PLEASE SEE THE REVERSE FOR YOUR STATE AGENCY'S ADDRESS AND PHONE NUMBER. PLEASE CONTACT YOUR STATE AGENCY FOR ANY CHANGES TO YOUR CURRENT CERTIFICATE.