



**Source MDx Personnel Requisition**

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**Job Title:** Research Scientist

**Education Level:** Minimum Masters Degree in Molecular Biology or related field

**Experience:** 7+ years related work experience including practical lab and supervisory experience. Project management experience is a plus.

**Location:** Boulder, CO

**Knowledge/Skills:**

- » Candidates should have 5+ years of molecular biology related laboratory experience in addition to 2 or more years of project management and supervisory experience.
- » Expertise in mammalian cell culture techniques using established cell lines and whole blood.
- » Strong technical expertise in real time QPCR assays and associated activities including primer/probe design and QC, nucleic acid purification from diverse sample types, RNA integrity analysis, first strand cDNA synthesis and quality control. Ability to learn and perform these functions as per Source MDx Standard Operating Procedures.
- » Familiarity with and/or ability to learn specialized laboratory automation and corresponding software including:
  - Biomek 3000 Laboratory Automation Workstation
  - epMotion 5070 Automated Pipetting System
  - ABI Prism 7900HT Sequence Detection System
  - Agilent 2100 Bioanalyzer
  - Eppendorf micropipettors
  - Centrifuges-assorted microfuges and clinical centrifuges
- » Proficient in Microsoft Word and Excel, and able to learn in-house laboratory information management and database systems.
- » Strong oral and written communication skills, excellent organizational skills, very detail oriented, team-player.

**Responsibilities:**

- » Management and execution of multiple internal and/or client related projects addressing basic scientific questions involving RNA transcript measurement across multiple clinical and/or in-vitro disease settings.
- » Written and oral communication of results from internal and client related projects to Source MDx management, internal collaborators and external clients.