

# Validation Certificate

## Maxwell<sup>®</sup> FSC DNA IQ<sup>™</sup> Casework Kit on Maxwell<sup>®</sup> RSC 48 Instrument

Products: AS1550, DC6745, and AS8500

Developmental validation experiments were performed by Promega Corporation to validate the performance of the Maxwell<sup>®</sup> FSC DNA IQ<sup>™</sup> Casework Kit on the Maxwell<sup>®</sup> RSC 48 Instrument according to the guidelines set forth by the DNA Advisory Board (Quality Assurance Standards for Forensic DNA Testing Laboratories, 2011) and the Scientific Working Group on DNA Analysis Methods (SWGDM, Validation Guidelines for DNA Analysis Methods, 2016). The results of these developmental validation experiments confirmed that these systems can successfully be used for purification of DNA for human identification testing by forensic and paternity laboratories. Each laboratory using the Maxwell<sup>®</sup> FSC DNA IQ<sup>™</sup> Casework Kit on the Maxwell<sup>®</sup> RSC 48 Instrument should perform its own appropriate internal validation studies to verify suitability for DNA purification of forensic casework samples.

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