

# CERTIFICATE

## 2024

Institut für Molekularpathologie  
Hohenzollernring 64  
48145 Münster  
Deutschland

has successfully completed the proficiency test

# ESR1 Mutation Analysis Breast Cancer (Liquid Biopsy)

(Trial Period 08.04.2024 - 19.04.2024)

Berlin, 23. Mai 2024



Prof. Dr. med. Dr. h.c. Manfred Dietel  
Quality in Pathology - QuIP GmbH



Thomas Pilz, Managing Director  
Quality in Pathology - QuIP GmbH

Lead panel institute of the proficiency test:  
Prof. Dr. rer. nat. Sabine Merkelbach-Bruse, University Hospital Cologne, Germany

This certificate includes the separate individual evaluation of the test and the corresponding proficiency test report.

This proficiency test was organized by:  
Qualitätssicherungs-Initiative Pathologie QuIP GmbH /  
Reinhardtstr. 1 / 10117 Berlin / office@quip.eu / www.qualityinpathology.com

Approved by: