

Consulting services

Analytical validation for next-generation sequencing: oncology research

Helping ensure the success of your research workflow verification through the AV process



Thermo Fisher Scientific has decades of experience designing, building, testing, and supporting systems for your research. We have a long history of integrating workflows and software into complex laboratory environments. Whatever level of service you require, our professional services are the right choice to help shorten your research workflow verification time and control your

workflow verification costs. Managed by an analytical validation (AV) specialist, our validation consulting services help ensure the successful setup of your research assay, from sample extraction to data analysis.

Our consulting service options

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| <div style="background-color: #e67e22; color: white; padding: 10px; border-radius: 5px; margin-bottom: 10px;"> <p>1 Analytical performance verification (APV)</p> </div> <ul style="list-style-type: none"> ➔ Comprehensive prevalidation ➔ Controls* ➔ Workflow guidance ➔ Data analysis support ➔ Consultation with AV specialist ➔ APV summary template for your use | <div style="background-color: #e67e22; color: white; padding: 10px; border-radius: 5px; margin-bottom: 10px;"> <p>2 Analytical validation regional guidance (AVR-G)</p> </div> <ul style="list-style-type: none"> ➔ Dedicated project management guidance* ➔ Workflow training, guidance, and optimization ➔ Template documentation ➔ Samples and controls* ➔ Data analysis support ➔ Validation summary template for your use | <div style="background-color: #e67e22; color: white; padding: 10px; border-radius: 5px; margin-bottom: 10px;"> <p>3 Analytical validation (AV)</p> </div> <ul style="list-style-type: none"> ➔ Dedicated project management guidance* ➔ Workflow training, guidance, and optimization ➔ Template documentation ➔ Samples and controls* ➔ Data analysis support ➔ Validation summary template support |
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Prevalidation workflow verification for your research needs

Flexible analytical validation guidance

Complete analytical validation solution

* For additional details, contact an AV specialist or professionalservices@thermofisher.com. Offerings depend on consulting service purchased.

Unsure and need help with AV preparation?

Analytical performance verification (APV)

Consider starting with a verification evaluation. Our APV service helps save you time and reduce costs by helping you determine whether your research workflow is ready to move on to a complete AV. Guided by our analytical validation specialists, the APV service enables you to evaluate your workflow on a controlled scale and helps you improve your chances of success.

This includes:

- APV control kit
- Template for your own report
- Evaluation consultation
- Readiness checklist
- Guidance by an analytical validation specialist

Need validation assistance tailored to your region?

Analytical validation regional guidance (AVR-G)

Managed by an analytical validation specialist, this AV consulting service is flexible and adaptable to your global regional validation requirements. This takes you through your AV process for your global region. The regional validation support service includes:

- Project management by an analytical validation specialist
- Samples and controls
- Data analysis consultation
- Template validation documentation

Want analytical validation support for your research workflows?

Analytical validation (AV)

Our analytical validation specialist manages your technical project through your workflow with controls, data analysis, and template reporting documentation.

- Project management by an analytical validation specialist
- Workflow training, review, and optimization
- Technical review
- Samples and controls
- Data analysis support
- Template validation documentation

Help accelerate setup time and reduce costs for implementation of your research workflows

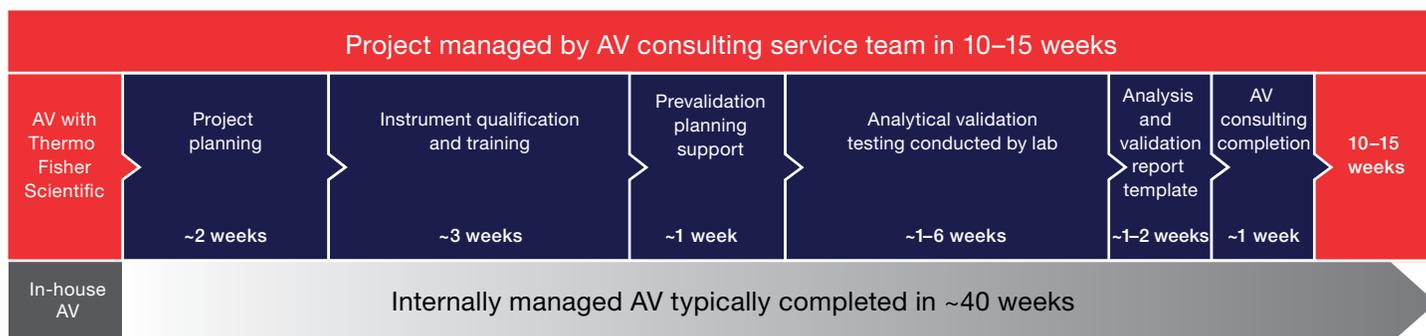


Figure 1. AV workflow completed up to 62% faster with AV consulting service. Our AV consulting services help labs manage the validation process up to 62% faster than the average in-house AV. Table 1 represents a validation of a research workflow at a laboratory with experienced staff. Each engagement is unique and average times may vary.

Ordering information

Product	Cat. No.
AV consulting service for OncoPrint assays or oncology research assays or panels	A34088
AV consulting service for OncoPrint assays or oncology research assays or panels, consulting only, no controls/samples	A39199
Add-on AV service for next-generation sequencing (NGS)-based confirmatory sequencing (US only)	A39200
Add-on AV service for Sanger sequencing-based confirmatory sequencing (US only)	A39201
Add-on AV service for qPCR-based confirmatory workflow (US only)	A39202
Add-on AV service for confirmatory sequencing reagent kit (custom request)	A39203
AV consulting service for OncoPrint assays or oncology research assays or panels, controls only	A39558
Add-on AV consulting service for including a second or multiple instruments into NGS workflow	A41777
AV consulting service for customer-designed OncoPrint assays or oncology research assays or panels	A42904
AV consulting service for validation readiness support on NGS instruments	A43330
AV consulting service for Ion ReproSeq kit research application	A47476
AV consulting service for CarrierSeq kit research application	A47477
AV consulting service for SARS-CoV-2 surveillance assays on NGS instruments	A48399
AV consulting service for analytical performance verification (APV) on NGS instruments	A48557
AV consulting service for customer-designed regional guidance support on NGS instruments	A48558
AV consulting service for myeloid research application on NGS instruments	A48559
Add-on AV service for added samples to purchased NGS AV service	A48560
Add-on AV service for inclusion of synthetic controls to purchase of NGS AV service	A48561
AV consulting service for bridging studies on NGS instruments	A48575
AV consulting service for confirmatory analysis workflow of NGS AV service	A48615
AV consulting service for myeloid research application with bridging study support on NGS instruments (US only)	A48980
AV consulting service for myeloid research application with bridging study support on NGS instruments (outside US)	A48981
AV consulting service for regional guidance support on NGS instruments	A49256
AV consulting service for germline panels on NGS instruments	A50650
Add-on AV service for inclusion of analytical orthogonal testing consultation to purchase of NGS AV service	A51247

If you don't see the service you are looking for, please contact professionalservices@thermofisher.com

Find out more at thermofisher.com/av