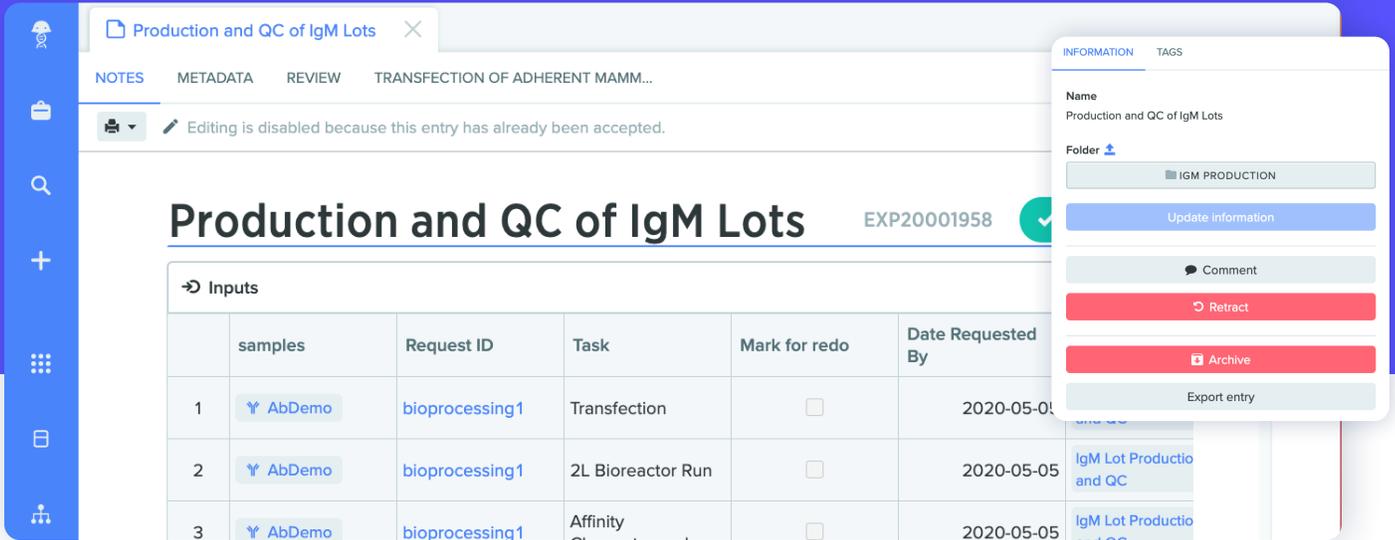


## Notebook

# Ensure the Consistency, Completeness, and Compliance of Your Notebook Entries



The screenshot displays a notebook entry titled "Production and QC of IgM Lots" with a status of "EXP20001958". The interface includes a navigation sidebar on the left and a top menu with "NOTES", "METADATA", "REVIEW", and "TRANSFECTION OF ADHERENT MAMM...". A message states "Editing is disabled because this entry has already been accepted." Below the title is a table of inputs:

	samples	Request ID	Task	Mark for redo	Date Requested By
1	AbDemo	bioprocessing1	Transfection	<input type="checkbox"/>	2020-05-01
2	AbDemo	bioprocessing1	2L Bioreactor Run	<input type="checkbox"/>	2020-05-05
3	AbDemo	bioprocessing1	Affinity	<input type="checkbox"/>	2020-05-05

An information panel on the right shows the entry name "Production and QC of IgM Lots", folder "IGM PRODUCTION", and actions: "Update information", "Comment", "Retract", "Archive", and "Export entry".

**Notebook** streamlines experiment documentation, collaboration, and knowledge transfer — all while ensuring your teams remain in compliance with organizational SOPs and regulatory requirements.

- Customizable entry templates
- In-line entity registration and inventory management
- Configurable, assay-specific data capture tables
- Audit trails and version control
- 21 CFR Part 11 compliant e-signatures

### Standardize experiment documentation

Develop a library of Notebook entry templates with predefined protocols, checklists, and tables to standardize how your team performs and documents any number of experiments.

### Avoid data recording errors

With pre-configured, structured data capture tables, you can ensure that experiment results are recorded the same way for each respective assay, by every team member.

### Eliminate knowledge silos

Register and update the usage of samples and reagents in real-time directly within your Notebook entry, so each sample or entity is always accompanied by its complete history.

# The Benchling Difference

Benchling interlinks and tracks the entire R&D lifecycle — from project documentation and data acquisition to sequence design, sample management, process management, and reporting. By standardizing and centralizing R&D data and workflows on a single platform, Benchling helps forward-thinking companies accelerate their digital lab transformation to enable better, faster decision-making.

## Built for Complex Science

Purpose-built to support the development of anything from biologics and biomaterials to strains and small molecules, Benchling interlinks your sequences, samples, and experiment results to ensure full traceability.

## Adapts to Your Process

Built on top of a secure, high-performance cloud infrastructure, Benchling supports evolving scientific workflows and integrates with lab instruments and other software systems to help unify your R&D data ecosystem.

## Intuitive and Easy to Use

Benchling's modern user interface — with natively interconnected notebook, sample registration, inventory management, and workflow design applications — means your team can work better and faster, together.

## Enables Data-Driven Decisions

Centralized, standardized data capture and storage help ensure the integrity of your data, while integrated analytics tools help you derive the insights you need to make better scientific and operational decisions.



### Notebook

Ensure documentation completeness and compliance



### Molecular Biology

Accelerate DNA and amino acid design, at scale



### Registry

Standardize, connect, and contextualize sample data



### Inventory

Track and manage every sample and reagent



### Requests

Coordinate work across specialized teams



### Workflows

Design, test, and optimize R&D processes



### Insights

Translate R&D data into actionable insights



### Benchling for Lab Automation

Automate instrument orchestration

