

BIOMÉRIEUX

CODEX™

Data Management Software
for BACT/ALERT® 3D



Your Ally in Advancing Quality

PIONEERING DIAGNOSTICS

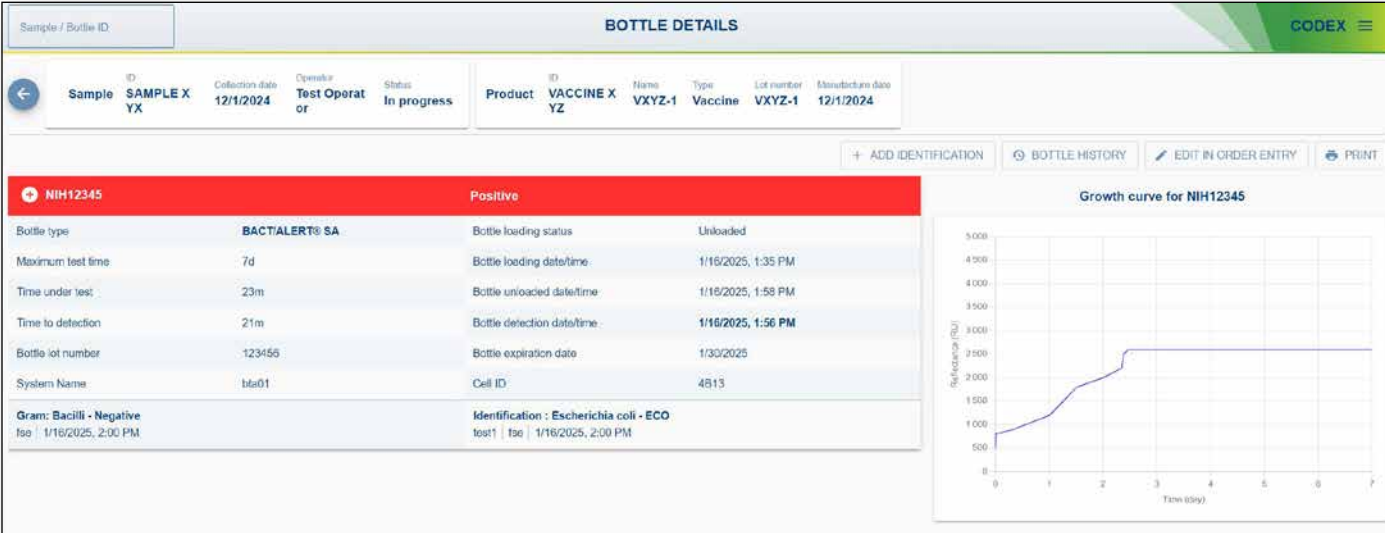


Confident Decisions Through Deeper Insights

CODEX™ is the Data Management System for BACT/ALERT® 3D, designed to enhance and optimize your sterility testing. It helps you to achieve the highest level of data integrity and compliance while providing confident decisions through deeper insights.

Improve Operational Efficiency

Providing fast and reliable results is vital to keep operations running smoothly. Improve operational excellence and efficiency by streamlining workflows, enabling remote access to results, and ensuring full traceability in your automated sterility process.



BOTTLE DETAILS

Sample / Bottle ID: **SAMPLE X YX** | Collection date: **12/1/2024** | Operator: **Test Operat or** | Status: **In progress** | Product: **VACCINE X YZ** | Name: **VXYZ-1** | Type: **Vaccine** | Lot number: **VXYZ-1** | Manufacture date: **12/1/2024**

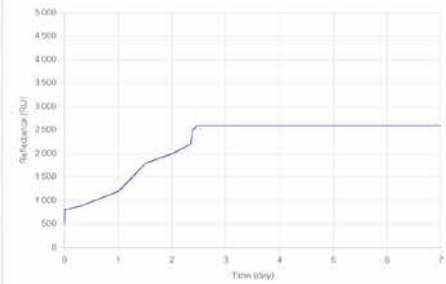
NIH12345 **Positive**

Bottle type	BACTIALERT® SA	Bottle loading status	Unloaded
Maximum test time	7d	Bottle loading date/time	1/16/2025, 1:35 PM
Time under test	23m	Bottle unloaded date/time	1/16/2025, 1:58 PM
Time to detection	21m	Bottle detection date/time	1/16/2025, 1:56 PM
Bottle lot number	123455	Bottle expiration date	1/30/2025
System Name	bta01	Cell ID	4B13

Gram: Bacilli - Negative
Iso | 1/16/2025, 2:00 PM

Identification : Escherichia coli - ECO
test1 | Iso | 1/16/2025, 2:00 PM

Growth curve for NIH12345



Time (days)	Reference (RU)
0	500
1	1000
2	1800
2.5	2500
3	2500
4	2500
5	2500
6	2500
7	2500

Full Traceability

- CODEX™ captures raw data and growth curves from BACT/ALERT® 3D, enhancing data retention.
- Bottle History offers easy access and traceability of all relevant bottle events.
- Easily retrieve BACT/ALERT® 3D instrument history thanks to CODEX™ advanced audit trail.

Easy Report Generation

- Generate **real-time and on-demand reports** for products, samples or bottles with CODEX™ templates.
- **Print and extract product, and bottle sample information** with customizable work lists.

Protect Compliance

- **Electronic signature** for bottle and sample approval.
- Audits become easy with CODEX™ as all software s and BACT/ALERT® 3D events are stored in one single platform.
- CODEX™ is developed to help you comply **with the highest international standards** such as 21 CFR part 11 (ALCOA+).
- **Backup and archiving** are available for the integrity of your data.
- **No storage limitation:** CODEX™ adapts its capacity to your IT infrastructure.
- **End-to-end cybersecurity support** throughout the entire lifecycle of the software.

PRODUCT REPORT - VAX45789							
Product - VAX45789							
Product type	Vaccin	Lot number	V01 23-12-11				
Product name	Vaccin 1	Manufacture date	---				
Sample - 45698789							
Sample result	Positive	Sample collection date	---				
Sample closer	---	Comment	---				
Sample closure date	---						
Associated bottles							
Bottle ID	Bottle type	Bottle loading date	Detection Date Time	Bottle unloading date	Results	Status	Approval
ALUF13RD	BACT/ALERT® IFA Plus	2/3/2025, 11:43 AM	2/3/2025, 11:48 AM	2/3/2025, 11:49 AM	Positive	Approved	2/3/2025, 11:49 AM By fse
NH56GAH	BACT/ALERT® IFN Plus	2/3/2025, 11:42 AM	2/3/2025, 11:42 AM	2/3/2025, 11:42 AM	Negative	Approved	2/3/2025, 11:42 AM By fse
ST18TH23	BACT/ALERT®-I NST	2/3/2025, 11:42 AM	2/3/2025, 11:43 AM	2/3/2025, 11:43 AM	Negative	Approved	2/3/2025, 11:43 AM By fse

Increase Your Productivity

Obtain greater insights to manage your assets and optimize your laboratory workflow. CODEX™ helps you make the right decisions, on time – an easy way to stay connected and confidently take action **to maintain product safety while increasing operational efficiencies.**

Data at a Glance

- **Improved workflow** and instrument management with customizable dashboards.
- **Find everything you need** by creating your customizable sample searches.

Data Digitalization

- **Traceability of manual activities** such as GRAM staining and microbial identification.
- **Simplify sample creation and bottle loading** with an improved order entry module.

Connectivity and Data optimization

- **Full sample traceability:** seamlessly integrates with commercial LIMS through a LIMS driver.
- **Access results anytime, anywhere** with the built-in web app.
- **Install CODEX™ on your PC, virtual machine, or server** with full integration in your Network, LDAP, and Domain.

ACTIVITY DASHBOARD		CODEX
Activity Dashboard	Global view	Bench activities
Order Entry	Sample list: 12	Bottles to load: 4
Product Details	Bottle list: 38	Samples without bottle: 1
	Closed samples: 0	
	Review workflow	Anomalies
	Samples to close: 5	Orphan bottles: 1
		Anonymous bottles: 1

Bottles can be associated to product and sample information in CODEX™ before loading in BACT/ALERT® 3D



Expert Validation and Technical Support

To streamline the validation of CODEX™, whether for a new BACT/ALERT® 3D implementation or an upgrade from MYLA® or OBSERVA®, the following documentation is available:

- URS completion guide
- IOPQ guide for new installation
- IOPQ guide for upgrade

Need validation support?
A bioMérieux expert or approved partner can provide validation services to get CODEX™ up and running without disrupting your operations.



Our dedicated technical support team works with BACT/ALERT® and CODEX™ to provide continuous product support around the globe. With our Smart Remote Services, you can enjoy rapid, efficient and secure remote assistance performed by bioMérieux experts.