

BioTracer

A Web Based Sample Management Solution

Sam	ple Information	👘 Alq	uol/Derivative Information											
tivitie	es: 💁	Sam	ple Type: General 🔻									÷ 📖 🔍		
Show 50 T entries						Search in Table Contents:								
												General Inf		
_	Sample ID	Status	Sample ID [External]	Barcode Image	Check In / Out Details	Freeze Thaw Count	Subject ID	Storage Location	Storage Path	Quantity	Quantity-Unit	Remaining		
	SMPL_6	Stored	CLA000001					STG_27~B2	F1R1B2~B2	100	ml	100		
	SMPL_7	Stored	CLA000002					STG_27~B3	F1R1B2~B3	100	ml	100		
	SMPL_8	Stored	CLA000003				SUB_H_2	STG_27~B4	F1R1B2~B4	100	mi	60		
	SMPL_9	Stored	CLA000004				SUB_H_2	STG_27~B5	F1R1B2~B5	100	mi	100		
	SMPL_10	Stored	CLA000005					STG_27~C1	F1R1B2~C1	100	mi	100		
	SMPL_11	Stored	0001		je je	BioTracer								Application Master Admin ^v H
	SMPL_12	Stored	0002									[Allowed Development of	- University of the	Invest Connection Investor
	SMPL_13	Stored	0003										Aliquot/Derivative ID	Input Search criteria here
_	SMPL_14	Expected	004		6	Home 🔔 Control Pane	i 🔒 Subject I	danagement 🧤 Sar	nple Management	Study Mana	gement 🛛 😂 Sto	erage 🛛 🏭 Packag	ge And Shipments 🛛 👩 Request	🌸 Inventory 🔗 Reports & Advance Se
	SMPL_15	Expected	005											
	SMPL_16	Received	0006			Assign Location Manage 5	torage Container	*						
	SMPL_17	Received	0007			Storage Container Hierarch	Tree View	Tabular View				Debite De	Create Conier	mpty Storage O Import From File Scan
	SMPL_18	Received	0008								2 ×00 2 E01	a neere 16	second Copies or mole E	mporteromene Scan
	SMPL_19	Received	0013			Expand All Collaps	Al D Clear Sel	ection E Show storage	details	-	Box	1 2	3 4 5	
	SMPL_20	Received	0014			E FreezerA [F1]								
	SMPL_21	Expected				Rack_Blood [R1] Box_Plasma_1					A	1 2	3 4 5	
, in s	g 1 to 16 of 16 er	itries				() Box_Plasma_3 () Box_Plasma_4 () Box_Plasma_4 () Box_Plasma_5 () Box_Plasma_5	B4] B5]				B C D E	Items(1) Items(1) 6 7 Items(1) 1 11 12 16 17 21 22	Image Image Image 1 9 10 1 44 15 10 19 20 20 24 25	
						1 ALQ_DRV	_8 G	Type Quan eneral 2	2	maining quantity	Unit	Subject ID	Subject External ID	Storage path Cr F1R182-A1
						2 ALQ_DRV 3 ALQ_DRV		eneral 2 eneral 20	2		mi			F1R182~A2 F1R182~A3
						3 ALQ_DRY	_0 0	eneral 20	16		m			
						4 40.089	6 0	eneral 20	16		mi			E1D1B2=44
						4 ALQ_DR\ 5 ALQ_DR\		eneral 20 eneral 2	16		mi			F1R182~A4 F1R182~A5

BioTracer Standard is a user friendly, web based sample management solution, essential for any laboratory wanting to automate their systems in a secure and reliable environment.

Software as a Service (Hosted)

- No CapEx required
- Automatic upgrades included
- No skilled IT personnel required
- Build-in customizations
- Accessible using thin clients

BioTracer simplifies your laboratory operations by managing, tracking and efficiently organizing samples and freezer locations at a very affordable price. Backed by an intuitive user interface, BioTracer is both powerful and flexible to accommodate the needs of your lab.

BioTracer is available as a standalone or cloud product.

Traditional (On-site Software Application)

- High acquistion cost
- Requires upgrade installation
- Dedicated IT team required
- Additional development cost
- Advanced infrastructure needed

www.CloudLIMS.com

BioTracer_

Features and Benefits

Anytime, Anywhere Access

BioTracer can be accessed using any web browser. BioTracer can even be accessed securely using any internet ready device without the need to download plug-ins, making it available to users 24x7 from any location across the globe.

Security, Scalability and Availability

Data security of each customer is our prime concern for which secure user-based logins are provided with access privileges enabled by the authorised lab administrator only. Communication from your computer with our servers is 256-bit encrypted. Robust methods such as auto scaling, load balancing, service monitoring are incorporated to enable any lab to scale up operations without any loss of business. Application maintenance, secure backups and database synching enables us to adhere to stringent SLAs with an assured 99.5% uptime. Mirror servers are maintained at different geographical locations to ensure high application availability in the event of a natural or physical disaster.

Easy Configuration

Even though BioTracer is offered as a pre-configured sample management solution, it can be tailored to address the changing needs of your laboratory, helping you avoid costly customization. Users can configure available screens adding or removing user-defined fields, format reports, assign individual privilege based control, all without the need for any customization.

Sample Tracking & Processing

Easy and efficient tracking mechanisms to locate the samples of interest across the entire set up is facilitated via location management, chain of custody and sample genealogy, saving time and effort. Sample information and related meta-data is registered. Processing workflows allow generation of aliquots and derivative samples.

Intuitive BioSpecimen Storage Location Management

Enterprises with regular influx of samples need an efficient storage mechanism. BioTracer's intuitive storage workflow makes this cumbersome process easy. Shelves and racks provided for different types of freezers are color coded to make storing of samples an error free process.

Subject and Study Information Registration

Detailed subject information is registered including demographics, history and other meta data. Subjects can be identified and de-identified based on authority levels and associated with a study.

Sample Packing and Shipment

As a part of requests and transfers, sample packing and shipment can be executed in no time. Inspection of in-bound samples can be done before storing them.

BioTracer___

Features and Benefits

Request Management

External researchers and organizations can request samples from the biobank using secure external login. The request life cycle can be executed and tracked.

Inventory Management

Inventory can be registered along with vendor details. Important documents such as MSDS and protocols can be attached. Re-order levels can be tracked.

Query and Reporting

Powerful query building using multiple filtering options helps to build complex query and export information in various formats such as .xls, .html, .pdf etc.

Compliance Facilitation and Audit Trail

BioTracer is written to help laboratories meet the most stringent regulations under 21 CFR Part 11, HIPAA, IRB and GxP. Audit trail reports help track and audit users' activities in real time. Together with our SAS 70-certified hosting partners we ensure that data integrity is maintained.

Compatibility

PC/Mac - 🎢 莺 Web Based, Browser Independent -



Feature	Standard	Enterprise/SaaS
Truly Web based	No	Yes
On-Site Deployment	Yes	Yes
Complete Sample management	Yes	Yes
Sample Genealogy Management	Yes	Yes
Virtual Storage Location mapping	Yes	Yes
Graphical Representation of storage	Yes	Yes
Data Import & Export in multiple standard formats	Yes	Yes
Barcode scanning and assignment	Yes	Yes
Label design and barcode template generation	Yes	Yes
Comprehensive Reporting	Yes	Yes
Audit Trail	Yes	Yes
HIPAA Compliant	Yes	Yes
Electronic signatures	Yes	Yes
Role Based Access	Yes	Yes
Packaging and Shipment Management	No	Yes
Inventory Management	No	Yes
Request Management	No	Yes