



BIO-ITECH
EPPENDORF GROUP



BIO-ITECH AND FLUICS CONNECT ANNOUNCE PARTNERSHIP

14 July 2020



The Power of eLABJournal

Bioscientists love the capability of documenting all the details of the experiments they perform, including the procedures, protocols, settings, results, and observations in the Electronic Lab Notebook (ELN) module of eLABJournal, while storing and accessing their samples with its Sample Tracking module. It automates many of the processes, reduces the possibility of error, and greatly increases productivity.

Barcoding Samples Inevitable

Before the samples, contained in small tubes, can be stored at sub-Antarctic temperatures in cryogenic freezers they obviously need to be labeled. With all that digital information in the eLABJournal's ELN and Sample Tracking modules it was obvious that writing labels by hand would be error-prone, inefficient, and make no sense at all. Barcoded labels would make labeling and retrieving the tubes foolproof and fast.

But Setting Up Printers Was a Pain in the Neck

Label printers have been available, but it was technical, difficult, and time-consuming to interface them with the eLABJournal system. Labels to fit cryogenic sample tubes had to be a precisely particular size, and have the rare physical characteristics to resist smudging and remain strongly adhesive for long periods of time at minus 80 degrees Celsius. And they had to fit in human readable print as well as the QR code. Setting up such printers could and has been done, but it was all a pain in the neck.

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FLUICS CONNECT Now Offers Reliable Label Printing in Seconds

All of the problems have been solved by FLUICS CONNECT, a specialized printer system developed by FLUICS, a startup company out of the Technical University Munich. It uses robust, bright yellow labels sized perfectly for bio lab sample tubes and offers two standard label layouts with both machine readable QR codes and human readable text. The FLUICS CONNECT printer and the Bio-ITech eLABJournal system have been designed and configured to work in harmony every time. Plug the printer into your eLABJournal system, select the FLUICS Print configuration, and you are off and running, able to print labels immediately without another thought. Printing perfect labels is fast, easy, and completely reliable. What a relief!

How Does It Work?

Once the FLUICS CONNECT Online Label Printer is connected to the Internet via Ethernet and the User's API key is entered in the Add-on Configuration field within eLABJournal, labels can be printed immediately from your eLABJournal account.



Labels all contain a digitally readable QR code and human readable text. Two different label layouts are available by default, and additional ones can be developed upon request. Connect as many printers as you like to each eLABJournal System so that users can choose printers that are most conveniently located.

Journal	Inventory	Procedures	Supplies	Configuration	File Storage
Dashboard	Sample List	Inventory Browser	Advanced Search	Sample Archive	

Back	PDF	FLUICS	Clone	Move	Quantity	Order	Log	Edit	Delete
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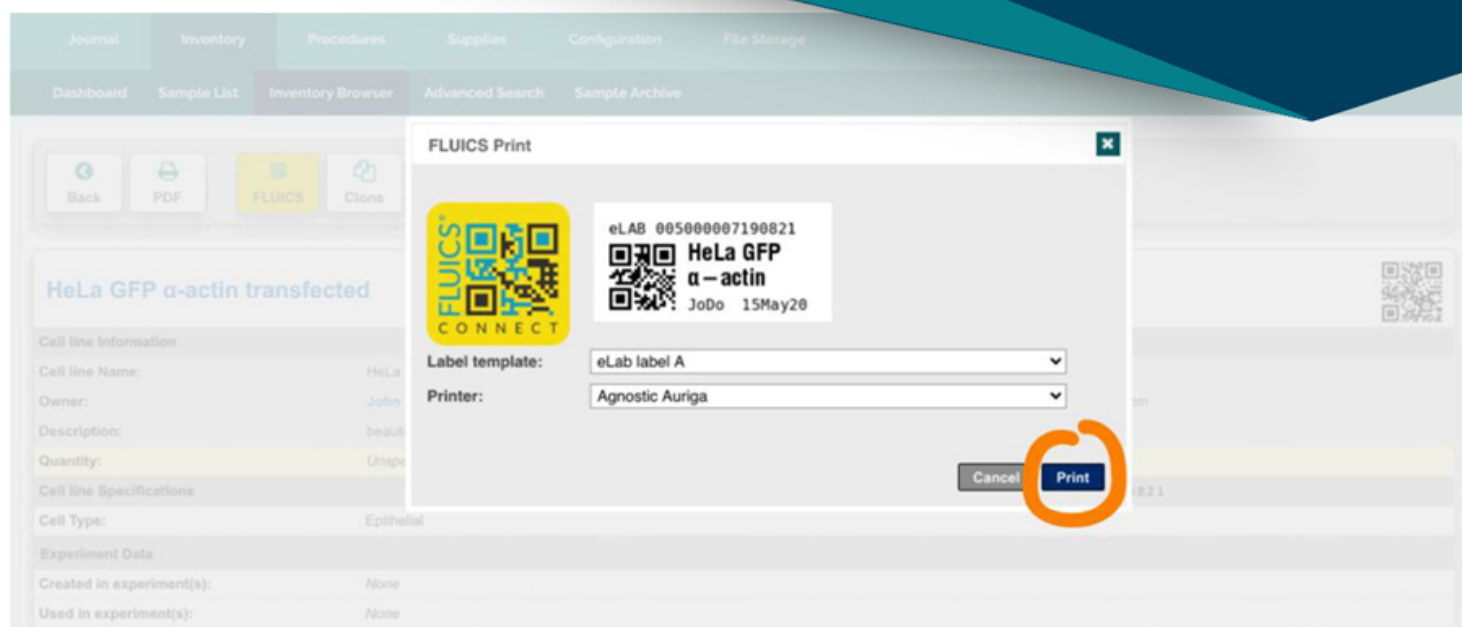
HeLa GFP a-actin transfected



Cell line Information		Storage Information	
Cell line Name:	HeLa GFP a-actin transfected	Location:	-80 Freezer 1 - tower 1 - samplebox 1 - B.1
Owner:	John Doe	Storage Date:	2020-05-22 9:38 am
Parent Sample:	HeLa GFP a-actin transfected		
Description:	beautiful cell		
Quantity:	Unspecified		
Cell line Specifications		SampleID	005000007190827
Cell Type:	Epithelial		
Experiment Data			
Created in experiment(s):	None		
Used in experiment(s):	None		
Storage Location			
Organisation:	FLUICS gmbh	Building:	
Department:		Room:	
Floor:			



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About Bio-ITech

Bio-ITech enables laboratories to improve the efficiency and quality of research by providing comprehensive and flexible lab information management software. From offices in Europe (The Netherlands) and the US (Boston), we serve customers worldwide. The All-in-One Electronic Lab Notebook eLABJournal and the Inventory Management System eLABInventory are 21 CFR part 11 compliant and safeguard intellectual property with track-and-trace, versioning, and digital signatures. Software solutions are offered as fully managed hosting solutions in the cloud, private cloud or on-premises. Bio-ITech was founded in 2010 by Erwin Seinen and Wouter de Jong and is ISO/IEC 27001:2013 certified since 2016. Since March 2017, Bio-ITech is part of the Eppendorf group.