

ORPHEUS

HLA Laboratory Management Software

HLA Laboratory System Orpheus is a specialized information management software for immunogenetics laboratories, which complies with EFI/ASHI requirements.

The system functions cover a wide range of laboratory activities, including complete laboratory workflow from an arrival of the sample to reporting of results and billing. Orpheus can be also connected to external systems and devices.

Orpheus

File Laboratory Typing Data Service Help

Laboratory - Entering Orders

Refresh New Edit Discard Print Laboratory Batch order

ID	Type	Urgent	Customer	Origin D	Date	Deadline	Insurance Co	Inserted by
9115	BCD	Standard	Test Dep.	TO	9.2.2013 13:07:58	9.2.2013	0	Administrator

Patient Type **Origin** **Sample** **Material** **Patient** **Person ID** **Registry ID** **Storage**

Patient - Donor TO D24/13 Blood in EDTA

9114 BCD Standard Test Dep. TO 9.2.2013 13:07:57 9.2.2013 0 Administrator

Patient Type Origin Sample Material Patient Person ID Registry ID Storage

Patient - Donor TO D23/13 Blood in EDTA

9113 BCD Standard Test Dep. TO 9.2.2013 13:07:56 9.2.2013 0 Administrator

Patient Type Origin Sample Material Patient Person ID Registry ID Storage

Patient - Donor TO D22/13 Blood in EDTA

9112 BCD Standard Test Dep. TO 9.2.2013 13:07:55 9.2.2013 0 Administrator

9111 BCD Standard Test Dep. TO 9.2.2013 13:07:55 9.2.2013 0 Administrator

9110 BCD Standard Test Dep. TO 9.2.2013 13:07:54 9.2.2013 0 Administrator

9109 BCD Standard Test Dep. TO 9.2.2013 13:07:53 9.2.2013 0 Administrator

9108 BCD Standard Test Dep. TO 9.2.2013 13:07:52 9.2.2013 0 Administrator

9107 BCD Standard Test Dep. TO 9.2.2013 13:07:52 9.2.2013 0 Administrator

9106 BCD Standard Test Dep. TO 9.2.2013 13:07:51 9.2.2013 0 Administrator

9105 BCD Standard Test Dep. TO 9.2.2013 13:07:50 9.2.2013 0 Administrator

9104 BCD Standard Test Dep. TO 9.2.2013 13:07:49 9.2.2013 0 Administrator

9103 BCD Standard Test Dep. TO 9.2.2013 13:07:48 9.2.2013 0 Administrator

9102 BCD Standard Test Dep. TO 9.2.2013 13:07:48 9.2.2013 0 Administrator

9101 BCD Standard Test Dep. TO 9.2.2013 13:07:47 9.2.2013 0 Administrator

9100 BCD Standard Test Dep. TO 9.2.2013 13:07:46 9.2.2013 0 Administrator

9099 BCD Standard Test Dep. TO 9.2.2013 13:07:45 9.2.2013 0 Administrator

9098 BCD Standard Test Dep. TO 9.2.2013 13:07:45 9.2.2013 0 Administrator

9097 BCD Standard Test Dep. TO 9.2.2013 13:07:44 9.2.2013 0 Administrator

9096 BCD Standard Test Dep. TO 9.2.2013 13:07:43 9.2.2013 0 Administrator

Orpheus, © 2010-2012 Steiner Ltd. Version 1.4.0.61, DB Schema 11

Logged User Administrator

Production database

Role: Presentation

RU

ORPHEUS

Orpheus Features

- Database of donors and patients
- Sample processing:
DNA isolation, Serological separation, etc.
- Both serological and molecular typing
- Supports SSP, SSOP and SBT
- High/Low Resolution, NMDP codes
- Solid Organ Testing, Antibodies screening
- Connection to external devices
(BioRobot, AB 3130/3500, Luminex, etc.)
- Results import from analytical software
(Assign, SCORE, Fusion, QuickType, etc.)
- Connection Bone Marrow Donor Registry software "Prometheus"
- Sample storage
(evidence, custom structure, search)
- Typing worklist support
- Lot numbers, expiration, validation tracking
(reagents, materials, equipment, etc.)

Orpheus Benefits

- Long-term guarantee of the compliance with accreditation requirements (EFI, ASHI)
- Covers all types of HLA laboratories
- Connection to laboratory devices
- Bar codes label print and search
- Protocols and results print
- Images and files upload option
- MS Windows based software
- Statistics and reports
- Automated billing
- User rights and rules
- Data export/import
- Store management
- Technical and user support
- Easy to use software application
- Validation process of every released version
- Development of customer specified new features on demand

The screenshot displays the Orpheus software interface with the following components:

- Left Sidebar:** Contains icons for 'Orders to Be Processed', 'Scheduling Worklists', 'Amplification', 'SSOP Hybridization', 'SBT Sequention', and 'Analysis'.
- Top Menu:** File, Laboratory, Typing, Data, Service, Help.
- Typing - Scheduling Worklists:** Includes a toolbar with 'Refresh', 'New WL', 'Edit WL', 'Show format', 'Sort', 'C+', and 'C-'.
- Amplification Tab:**
 - Groups of Non-Classified Tests:**

Group	Total	Urg	A	B	C	DRB1	DRB3	DQA	DQB1	DPA1	DPB1	JIM
SSOP	9	2	1			2		3	3			
SBT	14		4	2		2	6					
 - SSP- Non-Classified Tests:**

Urgent	Sample	Locus	Resolution	Antigen 1	Antigen 2
Standard	D266/12-1	ABDR	LOW		
Standard	D267/12-1	DNAB	LOW		
Standard	D267/12-1	DRB1	LOW		
Standard	D267/12-1	DRB3	LOW		
Standard	D267/12-1	DRB4	LOW		
Standard	D267/12-1	DRB5	LOW		
Standard	D268/12-1	DNAA	LOW		
Standard	D268/12-1	DNAB	LOW		
Standard	D268/12-1	DRB1	LOW		
Standard	D268/12-1	DRB3	LOW		
Standard	D268/12-1	DRB4	LOW		
Standard	D268/12-1	DRB5	LOW		
Standard	D269/12-1	DNAA	LOW		
Standard	D269/12-1	DRB1	LOW		
Standard	D271/12-1	ABDR	LOW		
Standard	D272/12-1	DNAA	LOW		
- Worklists Tab:**
 - Worklists:**

Nam	Lab. ste	Method	Creation Dt	Number of T	Laboratory Ted	1st Tes	1st Sample
DRB1	Amplifica	SSP	17.2.2012 8:	2	Test User	DRB1/L	D272/12-1
DNAB	Amplifica	SSP	17.2.2012 8:	6	Test User	DNAB/L	D264/12-1
 - Worklist DNAB21 - SSP - Classified Tests:**

Line view	Table view	1	2	3	4	5	6
A	D262/12-1	D269/12-1	D272/12-1				
B	D265/12-1	D270/12-1	D273/12-1				

Please contact us for more details or demo presentation!

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