

Routinely upload of antibody screen-test data from local MatchIT-software to YASWA

January 30th 2026

1. MatchIT

Tag in MatchIT

In MatchIT in the 'Comments' field mark the result you wish to transfer with a tag and save. You need to **register** the tag on both Class I and Class II results, if you wish to export both results. The tag should be parenthetically enclosed by [], start with SC: and followed by the Scandia number of the patient. Example patient with Scandia number 1234, should be written in the following way [SC:1234]

The screenshot displays the MatchIT software interface. At the top, there are input fields for '18.09.25' and 'Draw Date: 08.07.25', along with buttons for 'Save', 'Restore', 'Complete', and 'Approve'. Below these, there are sections for 'MFI Ranges' (0-499, 500-999, 1000-2999, 3000-4999, 5000-9999, >10000) and 'Epitope Analysis' (Exclude Patient Type: OFF). A 'Comments' field is visible with a dropdown menu showing '[SC: 12345]'. A dialog box with 'OK' and 'Cancel' buttons is overlaid on the interface. The main data table has columns A, B, C, Bw, A Serology, B Serology, and Epitopes. The 'C' column contains various HLA alleles, and the 'Epitopes' column lists specific epitopes like 95L, 95L, 95L, 116F, 95L, 116F, 95L, 66N, 95L.

A	B	C	Bw	A Serology	B Serology	Epitopes
		C*01:02				95L
		C*02:02				95L
		C*03:03				
		C*03:04				
		C*04:01				95L, 116F
		C*04:03				95L, 116F
		C*05:01			Cw5	95L, 116F
		C*06:02			Cw6	95L
		C*07:01			Cw7	66N, 95L
		C*07:02			Cw7	

Other information needed in MatchIT

Registration of sample date (Draw Date) in MatchIT is obligatory to be able to import/insert information in YASWA.

The screenshot shows the MatchIT interface. At the top, there are input fields for 'Date' (18.09.25) and 'Draw Date' (08.07.25), along with buttons for 'Save', 'Restore', 'Complete', and 'Approve'. Below this, there are sections for 'MFI Ranges' (0-499, 500-999, 1000-2999, 3000-4999, 5000-9999, > 10000), 'Epitope Analysis', 'Update By: Lab Supervi...', 'Bead Rank', 'Comments', 'Graph', and 'Quick Print'. The main table displays serology results for various samples.

	A	B	C	Bw	A Serology	B Serology	C Serology	Raw Value Graph	RAD	Epitopes
4			C*01:02				Cw1		1.1930	95L
2			C*02:02				Cw2		0.8260	95L
5			C*03:03				Cw9(w3)		1.0240	
8			C*03:04				Cw10(w3)		1.2080	
1			C*04:01				Cw4		0.5200	95L, 116F
6			C*04:03						1.1930	95L, 116F
7			C*05:01				Cw5		0.9330	95L, 116F

Person number is voluntary, but if you wish to validate person number and Scandia number (point 4) it is obligatory.

In MatchIT the person number must be entered in the 'Accession number' field

The screenshot shows the 'Patient Details' form in MatchIT. The 'Accession Number(s)' field is highlighted with a red box and contains the value '950419-1234'. Other fields include 'Patient Name', 'Date of Birth', 'Draw Date', 'HLA Type', 'Donor Number', and 'Donor Center Number'. The 'Antibody Batch Results' section shows a table of test results.

Test Type	Lot ID	Sample ID	Batch ID	Run Date	Draw Date	PRA	Final Results
SINGLE ANTIGEN I							
SINGLE ANTIGEN I	3014926	3014799-SA1	2025_SFHI_LSA1	04.02.25	01.19.26	28	A*23:01, A*24:02, A*...
SINGLE ANTIGEN I	3014926	3014799-SA1	TEST 1	04.02.25	01.19.26	28	A*23:01, A*24:02, A*...
SINGLE ANTIGEN II							
SINGLE ANTIGEN II	3015235	3015143-SA2	2025_SFHI_LSA2	04.02.25		52	DPB1*02:01, DPB1*03...

2. Launch the Luminex -> YASWA application

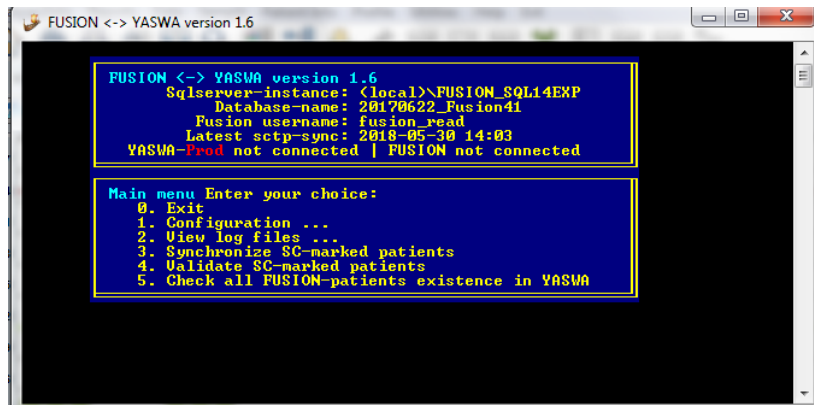
Click on the Luminex<-> YASWA application (Viking ship icon) and the transfer program will open. If you are asked if you want to update the program, please answer yes. Updates/new versions are launched when the Scandiatransplant office has made corrections to the program. If you later want to check for system updates please select '6. Check program updates' in the main menu.

3. Select transfer from MatchIT

Default setting is set to Fusion. To changes software (Fusion or MatchIT) enter the ' 1. Configuration' menu and then point '4. Toggle Fusion <-> MatchIT'

4. Functionalities in application

When you open up the program, you will start in the main menu:



1. Configuration

Connection:

MatchIT and YASWA connection, it is default set to last setting used. Please notice that YASWA-test runs against the test server <https://sc40.scandiatransplant.org/sctpTest/> and YASWA-prod runs against real data on production server <https://sc40.scandiatransplant.org/isoTopix/>.

This setting is changed though 1. Configuration -> 3. Toggle Production/test

Latest sctp-sync:

The program looks for the above specified tag in MatchIT and when last update (save) was done on tagged patients in MatchIT. Synchronize date is default set to look at changes done on SC-marked patients in MatchIT since last import.

Please notice it is best to make the data transfer from the same computer each time or else you will have to be aware and change last sync date.

Sync date can be changed though 1. Configuration -> 4. Set last sync date of SC-markings

2. View log files

Text document that displays patients updated, is cleared after each run.

3. Sync SC-marked patients

Run actual import of final assignment and bead raw data

4. Validate SC-marked patients

Validate SC-marked patients in MatchIT with person and Scandia number in YASWA

5. Check all MatchIT-patients existing in YASWA

Validate all person number of all patients in MatchIT to patients registered in YASWA

5. Validate

If you have registered person numbers in MatchIT, start by selecting '4. Validate SC-marked

patients'. This option will validate if the Scandia and person number in MatchIT fits with what is found in YASWA.

5. Check the validation log file

A log file with all patients validated since last sync-date pops up, please check that everything looks okay.

6. Synchronize

When data is in place (and validation point 4. has been made) select '3. Synchronize SC-marked patients' to export data from MatchIT to YASWA.

7. Check update log file

When data transfer is completed a log file will appear on the screen. Please run through the log file to see if any errors occurred.

8. Data in YASWA

Data will now be available through 'All recipients' in Luminex and Antibody Screen Test tabs