

Introducing
**VERSÉA OPHTHALMICS
TEAR-BASED POINT-OF-CARE (T-POC)
QUANTITATIVE TESTING PLATFORM
LATERAL FLOW READER**

MAIN BENEFITS

Flash Eye technology

Verséa Ophthalmics T-POC Lateral Flow Reader is equipped with Flash Eye technology that brings sensitivity to another level.

Track the sample, track the results

Store images & results. Export & print the results. Its barcode reader allows quick identification of the sample.

Precise & optimal

Program test turnaround time. Read your test at the right moment.

Connectivity

Send results in real-time & integrate them into the Laboratory Information System (LIS).

PRODUCT OVERVIEW

Lateral Flow assays are simple & inexpensive today, but readers are typically not. As demand grows for more sensitivity, quantification, traceability, & connectivity, the need for reasonable cost-wise Lateral Flow Readers is increasing. Verséa Ophthalmics' T-POC Lateral Flow Reader is a quantitative colorimetric device that ensure precise interpretation of results for routine sample quantitative testing of Total IgE & Lactoferrin.



WORKFLOW



Set up as many T-POC testing lanes with a dedicated LFR as needed to create an efficient workflow for T-POC testing in your practice.

The barcode reader of the T-POC LFR allows quick identification of the sample enabling the delivery of rapid results for your patients.

FLASH EYE TECHNOLOGY

Flash Eye technology enhances the color of any colorimetric lateral flow test with an outstanding dynamic range for tests run on the T-POC Quantitative Testing Platform.

Scan the QR code & learn more about the T-POC Quantitative Testing Platform.



PERFORMANCE & SPECIFICATIONS

Performance	
Internal memory	16 GB
Stored results	Results, raw, & processed images. Depending on int. memory
Number of test lines per strip	Up to 7 lines / strip
Measurement time (one strip, 2 lines)	15 seconds, one strip, 2 lines
Reproducibility	Intra-device CV <0.5% Inter-device CV <2%
Technology	Colorimetric lateral flow reader with Flash Eye Technology camera-based
Languages	Spanish, English, Deutsch, Français, Italiano, Polski, العربية
Technical Specifications	
Connectivity	Wi-Fi, Ethernet & LAN connectivity USB Port for Printer Connectivity or SFTP
Security & Exportation	HL7 v2.8 compliant. Connections https with SSL TLSv1 TLSv1.1 TLSv1.2 TLSv1.3. Authentication: transport level 2 with token key management Also can export to an external SFTP server or directly from a slim USB
Audit trail	HL7 v2.8 compliant. Connections https with SSL TLSv1 TLSv1.1 TLSv1.2 TLSv1.3. Authentication: transport level 2 with token key management
Sample traceability	Datamatrix reading for complete sample traceability
Battery	4h autonomy
Dimensions (WxHxD) Including Tray	177 x 115 x 145 mm / 6.96 x 4.52 x 5.7 in
Weight	625 g / 1.38 lb
Screen	4.3" touch screen
Power Range	100-240 VAC
Maximum Power	50-60 Hz
Frequency Range	18 W

T-POC LATERAL FLOW READER TROUBLESHOOTING

Symptoms	Probable cause	Recommended action
The LFR cannot turn ON	Battery discharged	Plug the Power supply unit to recharge
The LFR cannot turn ON or turn OFF	Damage to the ON/OFF button	Contact Verséa Ophthalmics for repair at ophthalmics@versea.com
The LFR switches spontaneously off (a message has been displayed for a while before switching off)	Too much time of inactivity elapsed	Increase the inactivity time in the System Options menu
	Main cord unplugged and battery getting too low	Plug the main supply & let the battery fully charge
Battery in charge red LED is blinking	Not correct charger / charger damaged / battery damaged / electronic component damaged	Ensure the charger is proper one / ensure charger wiring is well connected / Contact Verséa Ophthalmics for repair at ophthalmics@versea.com
The LFR cannot perform as expected	Old version of software	Upgrade the SW
The Wi-Fi SSID of the LFR does not appear on the computer	The wireless signal is out of range	Situate the unit near the wireless connection
The Ethernet is not detected	The Ethernet is not connected	Correctly connect the Ethernet device
	Damage to Ethernet socket or its internal connection port	Contact the Technical Service for repair
After reading barcode for Cassette Settings or for confirmation, an error message is shown	The barcode type is different than the expected one	If you are loading the Cassette Settings, show the Big Data Matrix (configuration barcode). If you are confirming the cassette, show the Small-Data Matrix.
	The barcode is incorrectly placed in front of the barcode reader	Move slightly the barcode forward-backward and tilting, until the barcode is read
The barcode reader light is on, but the barcode cannot be read	The barcode is damaged or a wrong type	Replace the barcode with a correct one
	There is dirtiness on the barcode reader window	Clean it with an antistatic cloth or a brush
The LFR cannot access the USB memory stick	The USB stick is too wide, preventing its proper full insertion into the socket	Use a narrow width USB memory stick
	The USB is not properly formatted	Format the USB memory stick using the option in the System options
	Damage to USB socket or its internal connection port	Contact Verséa Ophthalmics for repair at ophthalmics@versea.com
It is not possible to perform a scan & the following message is displayed "Please fit drawer and cassette properly"	Some obstacle prevents the drawer or the cassette from being completely inserted	Remove the obstacle
	There is no cassette inserted	Place the cassette propely
	The drawer is damaged	Replace the drawer
	The internal drawer sensor is damaged	Contact the Technical Service for repair
When launching scan, the device shows a message: "image normalization failure. White balance factors out correction range"	The camera is incorrectly adjusted	Perform the adjustment process
When launching the scan, the device shows a message: 'fiducial not found'	The white spots of the drawer are dirty or damaged	Clean or replace the drawer
When displaying results the Control line says "Absent" or "Invalid", & no results for test lines are shown	The control line is absent or too weak	Correctly inoculate the cassette. Wait the prescribed time or use the Timed Scan feature.
The screen displays the message "RTC CRITICAL FAILURE Please contact Technical Service"	Real-time clock battery is damaged	Send the LFR to Verséa Ophthalmics
After pressing the Remote Export 'TOKENIZE' button, an error message is displayed	No internet connection	Review network connection & read the whole error message for more options
After pressing the Network Remote Setup 'UPDATE' button, an error message is displayed	No internet connection	Review network connection & read the whole error message for more options

Symptoms	Probable cause	Recommended action
After performing a scan, the screen displays the error message "Error trying to export results to SFTP server..."	No internet connection	Review network connection & read the whole error message for more options
The LFR cannot reset to defaults	The internal button is not properly pressed	Ensure the activation of the button during start-up
	Damage in the software	Contact Verséa Ophthalmics for repair at ophthalmics@versea.com
The LFR restarts itself	Electrostatic discharge on the touchscreen	Wait until the reboot process ends
The LFR does not respond	Electrostatic discharge on the touchscreen	Press & hold the power button for 10 seconds to force shutdown. Then press the power button again to restart the LFR.

For more information visit us at
www.versea.com/ophthalmics

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