

ATD's Tear Testing Methodology

The methodology to harvest and analyze tear samples using ATD's TearScan™ MicroAssay System is fast, simple and accurate. This same methodology applies to both ATD's Lactoferrin and IgE Diagnostic Tests.

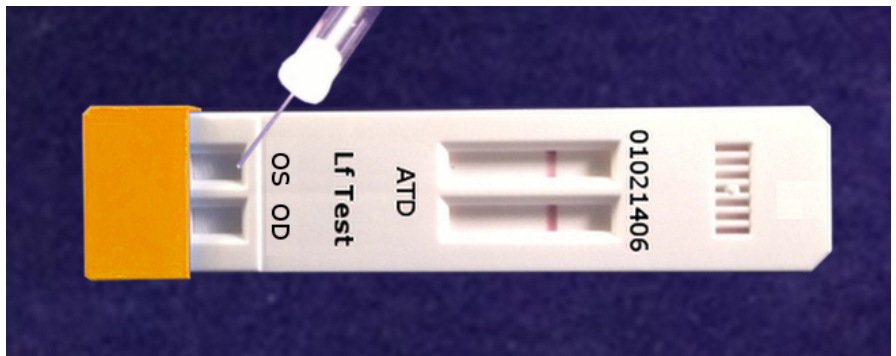
Step 1 - Harvest Tears

Using the supplied Tear Capture Device with a fresh tip take a 0.5 ul tear sample from the temporal inferior lid margin of the eye. It is helpful to have the patient tip their head to the side to have gravity form a tear pool and bring the Tear Capture Device in from the side.



Step 2 - Transfer Sample to Test Cassette

The sample will be placed into one of the cassette wells followed by chase solution for the IgE test or mixed with diluent and then placed in the cassette well for the Lactoferrin test.

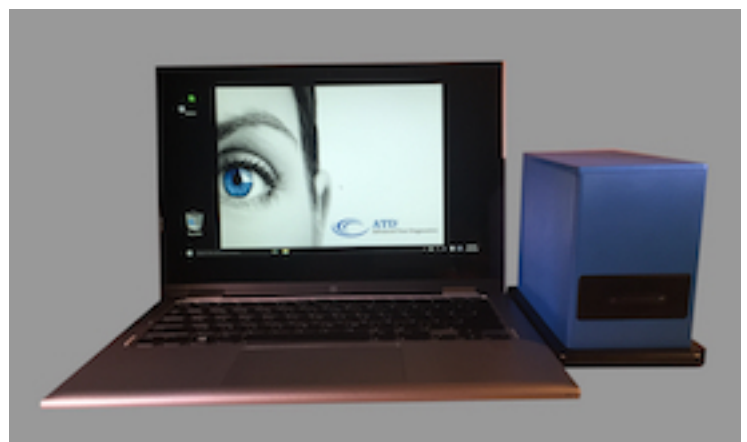


Step 3 - Repeat Steps 1 & 2 For Second Eye

Replace the tip of the Tear Capture Device and repeat steps 1 and 2 with the other eye.

Step 4 - Scan The Test Cassette With the TearScan™ Analyzer

When the control lines appear in the upper portion of the long wells place the Test Cassette into ATD TearScan™ unit and run the 5 test.



Step 5 - Print Test Results

Press print for a lab report of quantitative accurate results to put into patient's chart or send it to your EMR system.

The screenshot shows a software window titled "Patient Sample : 10000046". On the left is a menu with icons for Run, Archive, Print, Exit, and QC. The main area displays a control strip image, a graph with peaks for Control OS, IgE OS, Control OD, and IgE OD, and a table of results.

IgE	Control	ng/ml	Result
IgE OS	Valid	168	Allergic
IgE OD	Valid	0	Normal

Comment:

IgE@	12:30:33 PM
IgE@10000045	12:21:54 PM
IgE@10000031	5:22:02 PM

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