



TearScan™ IgE Diagnostic Test Kit

Product Description: The ATD Tear Micro Assay System offers an FDA approved in vitro diagnostic test for the quantitative measurement of immunoglobulin E (IgE) in human tears.

Sensitivity: 93%
Specificity: 96%
Precision: < 9% CV

Lf Dynamic Range: 20 - 2,000 ng/ml
Shelf Life: 18 months
CPT: 82785

Product Benefits

For Patients:

- Painless, non-invasive tear sample used in test
- Correct diagnosis and treatment can be prescribed on first visit
- More targeted and effective treatment for eye discomfort

For Clinics:

- Improved and more efficient patient care
- Tests are simple, accurate, rapid, inexpensive and reimbursable
- Quantitative assessment of the allergic component of ocular inflammation
- Tests may indicate the cause of contact lens intolerance
- Tests may help identify risk factors prior to ophthalmic surgical procedures
- Tests can be performed by a technician
- Platform is a Class II, moderate complexity lab system
- Low equipment & set up expense

Clinical Utility

Elevated IgE Levels

- Dry Eye Disease - Allows assessment of allergic component of dry eye etiologies, secondary dry eye
- Contact Lens - May have increased risk of GPC and contact lens intolerance
- Ophthalmic Surgery – May have increased risk of corneal haze and DLK

Normal IgE Levels

- Dry Eye Disease – No allergic component
- Contact Lens – No allergy related contraindication
- Ophthalmic Surgery – Risk factors related to ocular allergy are normal