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.

<table>
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<tr>
<th>Sensitivity: 93%</th>
<th>Lf Dynamic Range: 20 - 2,000 ng/ml</th>
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<tbody>
<tr>
<td>Specificity: 96%</td>
<td>Shelf Life: 18 months</td>
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<td>Precision: &lt; 9% CV</td>
<td>CPT: 82785</td>
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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