

Interpretation and Application of ATD's Tear Diagnostic Tests

Dry Eye or Allergy Signs or Symptoms

<u>Tear Chemistry</u>	<u>Indicates</u>	<u>Possible Cause</u>
Normal Lactoferrin & IgE	1) Normal lacrimal function 2) No ocular allergy present	Evaporative dry eye
Normal Lactoferrin & High IgE	1) Normal lacrimal function 2) Ocular allergy present	Ocular allergy and possibly evaporative dry eye
Low Lactoferrin & Normal IgE	1) Suppressed lacrimal function 2) No ocular allergy present	Aqueous deficient dry eye
Low Lactoferrin & High IgE	1) Suppressed lacrimal function 2) Ocular allergy present	Aqueous deficient dry eye and ocular allergy

Contact Lens Patient

<u>Tear Chemistry</u>	<u>Indicates</u>	<u>Possible Risk</u>
Normal Lactoferrin & IgE	1) Normal lacrimal function 2) No ocular allergy present	Good CL candidate
Low Lactoferrin	Suppressed lacrimal function	Hypoxia, infection and/or CL intolerance
High IgE	Ocular allergy present	CL intolerance and GPC

Ophthalmic Surgical Procedures

<u>Tear Chemistry</u>	<u>Indicates</u>	<u>Possible Risk</u>
Normal Lactoferrin & IgE	1) Normal lacrimal function 2) No ocular allergy present	Good LASIK candidate
Low Lactoferrin	Suppressed lacrimal function	Increased risk for post-operative DES
High IgE	Ocular allergy present	Increased risk of corneal haze and DLK



www.teardiagnosics.com

Contact Information:

Domestic: 888-328-1941

International: 1-205-332-1941

Sales: orders@teardiagnosics.com

Support: contact@teardiagnosics.com