

Interpretation and Application of AXIM's Tear Diagnostic Tests

Dry Eye or Allergy Signs or Symptoms

| Tear Chemistry | Indicates | Consider |
|-------------------------------|---|---|
| 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 Applications

| Tear Chemistry | Indicates | Consider |
|--------------------------|---|--|
| Normal Lactoferrin & IgE | 1) Normal lacrimal function 2) No ocular allergy present | No Dry Eye contraindications to CL fitting |
| High IgE | Ocular allergy present | CL intolerance and GPC |

AXIM's tests are currently being used to improve patient care in the areas of dry eye, ocular immunology, ocular allergy and ocular surgery, including LASIK. The tests are simple to perform, accurate, rapid, repeatable and reimbursable.

