

Further Information

SolGent is a Molecular Diagnostics development and manufacturing company based in South Korea. We operate with our partners in over 38 countries providing diagnosis & genotyping kits to hospitals, research laboratories and government institutions.

Our ACD Genotyping Kit is specifically designed to test for the presence of the ACD disease in order to help patients and doctors make a more informed decision when considering corrective eye surgery.

Our DiaPlex™ ACD Genotyping Kit is a fully certified CE-IVD, ISO and GMP product ensuring the highest quality and safety.

Thanks to wide coverage in the media, 90% of the hospitals/private clinics in South Korea are providing this test for their patients. 95% of LASIK patients undergo this genetic test before completing their surgery. Further to Korea, this trend is now continuing in China, Japan and the USA.

All you need to do now..

As a patient, you will need to provide some very simple specimens for the test: a hair root, blood and buccal swab. Please consult your doctor about having this test.

For more Information

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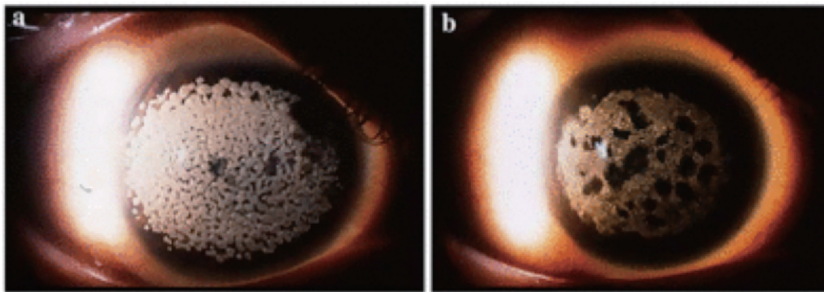
Avellino Corneal Dystrophy

An Essential Genetic Test
For the Protection of our Eyes.



What is Avellino Corneal Dystrophy?

Avellino Corneal Dystrophy, (ACD) is one of many corneal genetic abnormalities that leads to serious eye problems, even permanent blindness if simple preventative steps are not taken. It is inherited and can develop any time in life after even minor injury to the cornea due to mutation in a specific gene.



Why is this important?

There is no cure, thus prevention is the only option. Early diagnosis is vital in preventing the disease from worsening through improper care or surgery which will accelerate the conditions. It is also extremely important to ascertain early diagnosis for those with a family history of ACD.

Furthermore, an increasing number of eye surgeons worldwide now refuse LASIK and LASEK treatment to patients without a negative ACD test result because of the procedures detrimental affect on the eyes of patients who have ACD after such treatments. Therefore, the time has come to ensure that every patient performs this test before undergoing eye surgery.

Why do we need a genetic test?

Current manual diagnostic methods are unable to detect the presence of ACD without symptoms. The advantage of a genetic test is that it can confirm the presence of the dystrophy even before visible symptoms appear. It is the only way to ensure effective and specific detection to protect the eyes from undergoing major and critical problems from this disease.

Early identification of the disease is vital to allow for the correct care of the eyes throughout life.

	Genetic Testing	Current Manual Inspection
Method	DNA test	With microscope and eye pressure check.
Features	Able to detect before symptoms appear. Preventive.	Possible to detect after symptoms appear. Non-preventive. Unreliable. Risk.

Who should be tested?

People who are considering eye surgery are particularly high risk, along with those living or working in high UV environments.

If undetected, rapid advancement of the disease will take place in such cases. Furthermore, it would be prudent for everyone to undergo a test to maintain effective care for their sight.

There is a high possibility of inheritance associated with ACD, so if there is a family history of the disease, or you have children, a simple DNA test will reassure you.

How do I benefit from the test?

- Disease Management.
- Eye Safety.
- Assurance for Descendants.
- Prevent Exacerbation.