

Be in the Know.

ImmuKnow®

YOUR TRANSPLANT TEAM IMMUKNOW TESTING FOR YOU

Why is ImmuKnow testing important?

Your transplant doctors and nurses are trying to maintain balanced care for you. ImmuKnow helps by providing information related to this balance, which helps your overall treatment plan.

Optimal Immunosuppression



A combination of approaches including monitoring tests, biopsies, lab tests and therapeutic drug levels is used. However, these techniques reflect **changes that have already occurred in your body**. Unfortunately, patients can still have rejection and/or infection. When used properly, ImmuKnow testing over time provides an early look into how the immune system is functioning. **As a result, your transplant doctors and nurses receive information they can act on to more effectively manage and individualize your immunosuppressive therapy. This allows them to better manage your risk of rejection and infection.**

What is the ImmuKnow test?

ImmuKnow is an important blood test manufactured by Cylex™ that evaluates your immune system and gives very important information to your transplant doctors and nurses. ImmuKnow provides a measurement of how well certain immune cells in your body are working. **This is directly related to the health of your immune system, and therefore your overall health.**

ImmuKnow is a unique blood test.

ImmuKnow is different for 2 reasons – the information it gives your doctors and nurses as well as the room

temperature whole blood it uses. This means that your blood sample must be sent to and performed in a specific lab within a certain time; otherwise, your test results will be affected. **This is why you must go to a designated testing location – more details are on the reverse side of this leaflet.**

Your transplant team wants you to receive ImmuKnow testing on the following schedule.

Patient Immune System Monitoring*†

Time	Interval
Pre-transplant	▶ Test as needed
Months 1-6	▶ Test every 2 weeks
Months 7-12	▶ Test monthly
After Year 1	▶ Perform routine monitoring (at minimum, test quarterly)

* Additional assays may be required in the event of changes in clinical status or posttransplant complications.

† Based on therapeutic drug monitoring recommendations described in immunosuppressant agent prescribing information.

Additionally, ImmuKnow can provide valuable information after routine adjustments to your drug therapy.

Successful posttransplant management involves immune function monitoring.

After your transplant, your transplant doctors and nurses will watch your health carefully – especially during the first 100 days when you are at the highest risk for complications. **Fortunately, you and your doctors can take steps to better manage exposure to some of these problems by closely monitoring your immune function.**

Knowing how your immune system responds is not a simple process since your body behaves in a highly complex fashion after transplant.

Cylex is pleased to provide ImmuKnow as a critical means of getting early information about your immune status.

WHAT SHOULD I DO WHEN MY TRANSPLANT TEAM ORDERS IMMUKNOW TESTING?

Important Information for Patients

Make sure a lab order for **ImmuKnow** testing is included in your information packet. **You must bring the lab order with this leaflet when arriving for ImmuKnow testing.**

To get your ImmuKnow test, it is important that you go to your transplant clinic appointments where your blood will be drawn.

If you are unable to go to your transplant clinic draw center, you may also go to a Quest Diagnostics blood draw center. For more information on locating a draw center near your home, please call 1.800.377.8448 or visit www.questdiagnostics.com.

An appointment may be necessary to have your blood drawn, so please call ahead for scheduling and directions, if necessary.

Make sure the order form contains your correct information:

- Patient name
- Patient date of birth and sex
- Physician signature
- Quest test code 15435X (Immune Cell Function) is checked off
- Diagnosis
- Social security number and insurance information

All patient test results are protected and confidential. The lab will give ImmuKnow results only to the ordering physician or health care professional who has requested the test.

Questions?

Many factors can affect your ImmuKnow results. Your transplant doctors and nurses will be best able to interpret your ImmuKnow results for you.

Important Information for Phlebotomy Professionals

ImmuKnow blood samples have important and unique shipping and handling requirements in order to ensure accurate test results.

The transplant team has requested ImmuKnow testing for this patient as an important part of patient care. Please contact the ordering health care professional **before the patient leaves** if you have any questions or are unable to draw this test.

Sample Collection

- Whole blood collection only
- Sodium heparin anticoagulant only
- Gently mix the blood with sodium heparin at the time of the draw

Transport and Storage

- Room temperature only (18-28°C)
- Ship on the same day of collection
- Do not store the samples on a tube rocker
- Start lab testing within 30 hours of collection

Test Code

- Ensure Quest test code 15435X (Immune Cell Function) is checked off
- If you have questions, please contact Quest at 1.800.377.8448

Questions?

If you have questions about sample collection and/or transport and storage of ImmuKnow samples, please contact Cylex at 888.33.CYLEX, option 2 or visit www.cylex.net.

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