



IMMUKNOW[®]

IMMUNE CELL FUNCTION ASSAY

Assessing Global Immune Function Over Time Puts You in the KNOW

KNOW HOW TO USE RESULTS. KNOW HOW TO TREAT.

By identifying changes in CD4 cell ATP production^{1,2}, the ImmuKnow[®] assay helps define a range of stable immune function for solid organ transplant patients (SOT).

Results that lie outside an individual patient's range may help indicate an increased risk of infection or rejection and aid in the diagnosis and differentiation of SOT complications.

ImmuKnow[®] is the only FDA-cleared, reimbursable assay designed to detect changes in immune cell function, giving you crucial insight for individualized patient management.

LEARN MORE ABOUT OUR TESTING:

[Viracor-Eurofins.com/immuknow](https://www.viracor-eurofins.com/immuknow)

Know the Facts on IMMUKNOW®

ImmuKnow's clinical utility has been well characterized and validated:

- Over 400,000 assays run
- 25 prospective and interventional studies in 1000+ transplant recipients
- More than 120 clinical studies

Global immune status monitoring has been used to:

- Identify kidney,⁴ liver,³ lung,^{5,6} and heart⁷ transplant patients with low immune response, which has the potential to lead to infection
- Define immunologic stability in various solid organ transplant patients^{7,8}
- Longitudinally assess changes in transplant patients' immune status, giving clinicians an additional tool in treatment optimization decisions^{3,7-9}

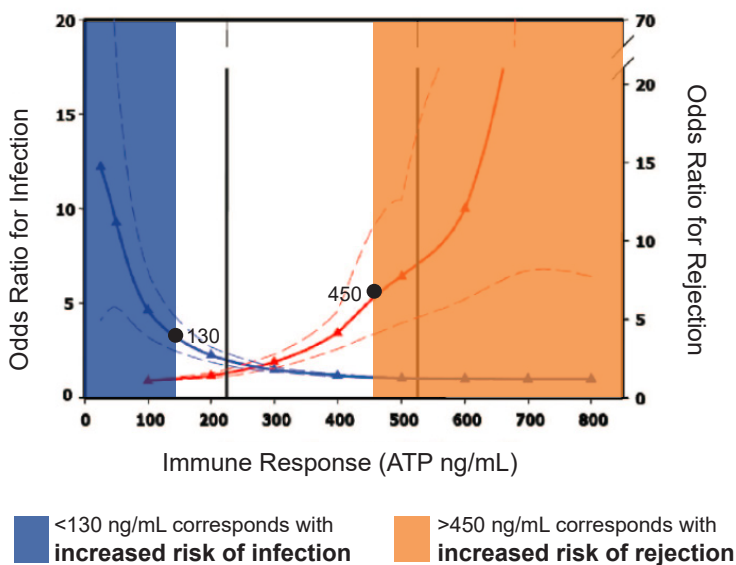
FREQUENCY OF TESTING

- Pre-transplant
- Clinic visits at approximately:
 - < Day 1
 - < Weeks 1-4, 6, 8
 - < Months 3-6, 9, 12

Testing was repeated within one week of suspected or confirmed adverse event and one week after event resolution.

RISK ANALYSIS CURVE

Values previously documented as thresholds for risks of infection and rejection were utilized in the study design.²



“ In conclusion, the present prospective, interventional, controlled and randomized study demonstrates that ImmuKnow® provides a useful biomarker which enables optimizing immunosuppression to improve patient outcomes by preventing bacterial and fungal infections, reducing immunosuppressant drug use and improving 1-year patient survival post liver transplantation.^{10*}

 **eurofins**

Viracor

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