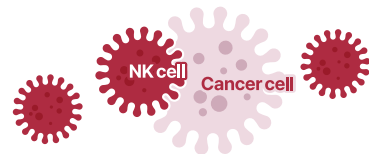


## Silent Immune Weakness? NK Cells Know First

Activated NK cells eliminate cancer and virus-infected cells. NK cell activity testing objectively shows your immune status.



### Cellytics® NK is recommended for those who:

need diagnosis or monitoring for cancer or immune-related conditions

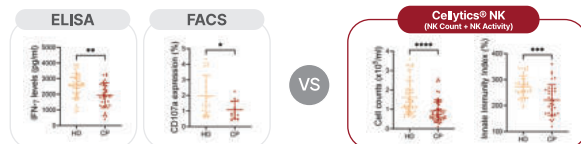
wish to evaluate the effects of anti-cancer or immune-boosting therapy

experience stress or chronic fatigue with potential immune suppression

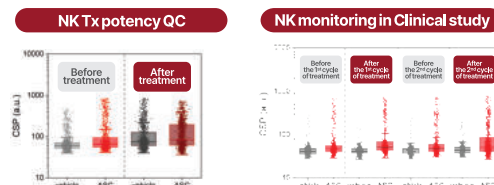
want to monitor their immune health on a regular basis

### Test you can trust, with proven technology

#### | Cellytics® NK : Matching the power of premium lab equipment



#### | NK cell therapy, covered from bench to bedside



Take a step ahead  
in immune testing with  
Cellytics® NK



**Book a Test**

### Contact & Demo Request

TEL 044-417-6382

EMAIL [contact@metaimmunetech.kr](mailto:contact@metaimmunetech.kr)

Homepage [cellytics.net](http://cellytics.net)



Rapid and Accurate Immunity Check

## Cellytics® NK



# Cellytics® NK Activity Test

Now available:  
Same-day immune cell analysis  
Up to 40x faster!



## Speed

- ✓ Minimal sample: Only 0.5 mL of blood
- ✓ Fast: 1.5 hour turnaround



## Accuracy

- ✓ NK cell isolation for unmatched precision
- ✓ High-throughput imaging with single cell resolution
- ✓ Dual insight: cell number and activity at once



## Simplicity

- ✓ Minimal steps: No expertise required

	ELISA	Cellytics®	FACS
Complexity	Moderate ★★☆	Low ★★★	High ★★★
Analyte	IFN-γ	Unlabeled Cell	FL-labeled cell
Method	ELISA	DIH	FACS
TAT	2-3 days	<2hours	>3 hours
Reliability	Moderate ★★☆	High ★★★	High ★★★

# TestSteps

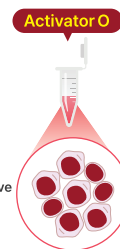
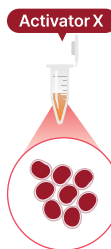
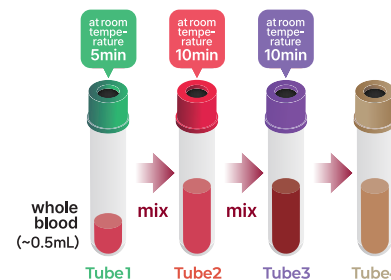


1

Blood collection  
(heparinized tube,  
0.5mL)

2

NK cell  
isolation  
(30 min)



3

NK cell activation  
(60 min)

comparative  
analysis

4

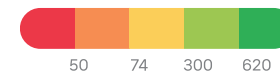
On-device  
analysis  
(5 min)



# Test Results

## NK cell count

[cells/μL]



## NK cell activity

[I3, %]



Normal Above 620

NK cell count is high.  
Immune function may be abnormal.

Normal 74~620

NK cell count is within  
the normal range.

Low Below 74

NK cell count is low.  
Immune management is  
recommended.

Normal Above 120

NK cells are normally  
activated and functioning

Low Below 120

NK cell activity is low.  
Supportive measures are  
needed to enhance immune  
defense against infections  
and cancer.

