# Microblot-Array (MBA) results in External Quality Assessments (EQA)

2025

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# Statistics

## Average MBA success rate in EQA in the year 2025

| CAP | INSTAND | LABQUALITY | SEKK | SZÚ |
|---|---|---|---|---|
| 99.2% | 97.7% | 95.5% | 100.0% | 100.0% |

## Average success rate of MBA kits in EQA in 2025

INFECTIOUS DISEASES

| Parameter | CAP | INSTAND | LABQUALITY | SEKK | SZÚ |
|---|---|---|---|---|---|
| **MBA Bordetella** | | 93.8% | 95.8% | | |
| **MBA Borrelia** | | 94.4% | 100.0% | | 100.0% |
| **MBA Chlamydia** | | 86.1% | 83.0% | | 100.0% |
| **MBA CMV** | 100.0% | 100.0% | 100.0% | | 100.0% |
| **MBA COVID-19** | | 100.0% | | | |
| **MBA EBV** | 100.0% | 100.0% | 100.0% | | 100.0% |
| **MBA Helicobacter** | 100.0% | 100.0% | 100.0% | | 100.0% |
| **MBA HSV** | 100.0% | 100.0% | 88.9% | | 100.0% |
| **MBA Mycoplasma** | 100.0% | 100.0% | 83.3% | | |
| **MBA Yersinia** | | 100.0% | | | 100.0% |

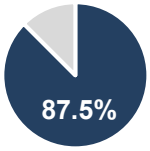
IMMUNOLOGY & AUTOIMMUNE DISEASES

| Parameter | CAP | INSTAND | LABQUALITY | SEKK | SZÚ |
|---|---|---|---|---|---|
| **MBA ANA** | 93.3% | 100.0% | 100.0% | 100.0% | |
| **MBA AGI** | 100.0% | | 100.0% | 100.0% | |
| **MBA Liver profile** | 100.0% | | 100.0% | | |

# Infectious Diseases

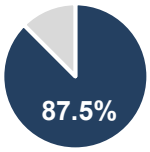
# MBA Bordetella

## INSTAND – 01.2025




| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | positive, borderline, negative | negative | + |
| IgA | negative | borderline | - |
| IgG | positive | positive | + |
| IgG | positive | positive | + |
| IgM | negative | negative | + |
| IgM | negative | negative | + |
| Interpretation | acute infection, late infection | acute infection | + |
| Interpretation | acute infection, late infection | late infection | + |

## LABQUALITY – 01.2025




| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | negative | negative | + |
| IgA* | the sample was not evaluated | | |
| IgG | negative | negative | + |
| IgG | positive | positive | + |
| IgM | negative | negative | + |
| IgM | positive | negative | - |
| Interpretation | no evidence of infection | no evidence of infection | + |
| Interpretation | infection confirmed | infection confirmed | + |

* The results for this sample were ambiguous (due to plasma pooling causing sample inhomogenity, mixture of antigens in kits etc.) – therefore this sample was not included in the final evaluation of any manufacturer.

# LABQUALITY – 05.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | positive | positive | + |
| IgA | positive | positive | + |
| IgG | positive | positive | + |
| IgG | positive | positive | + |
| Interpretation | infection confirmed | infection confirmed | + |
| Interpretation | infection confirmed | infection confirmed | + |

# INSTAND – 11.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | positive | positive | + |
| IgA | negative | negative | + |
| IgG | positive | positive | + |
| IgG | negative | negative | + |
| IgM | borderline, negative | negative | + |
| IgM | negative | negative | + |
| Interpretation | acute infection | acute infection | + |
| Interpretation | no evidence of infection | no evidence of infection | + |

# LABQUALITY – 11.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | positive | positive | + |
| IgA | negative | negative | + |
| IgG | positive | positive | + |
| IgG | negative | negative | + |
| Interpretation | infection confirmed | infection confirmed | + |
| Interpretation | no evidence of infection | no evidence of infection | + |

# MBA Borrelia

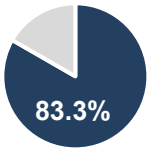
## INSTAND – 01.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | negative | negative | + |
| IgG | positive, borderline | positive | + |
| IgM | negative | negative | + |
| IgM | positive, borderline, negative | positive | + |
| Interpretation | no evidence of infection | no evidence of infection | + |
| Interpretation | late infection | late infection | + |

## LABQUALITY – 01.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | positive | positive | + |
| IgG | positive | positive | + |
| IgM | positive | positive | + |
| IgM | positive | positive | + |
| Interpretation | infection confirmed | infection confirmed | + |
| Interpretation | infection confirmed | infection confirmed | + |

## INSTAND – 06.2025




| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | positive | positive | + |
| IgG | negative | negative | + |
| IgM | borderline, negative | borderline | + |
| IgM | negative | negative | + |
| Interpretation | late infection | ongoing infection | - |
| Interpretation | no evidence of infection | no evidence of infection | + |

## SZÚ – 06.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | positive, borderline, negative | negative | + |
| IgG | negative | negative | + |
| IgG | negative | negative | + |
| IgM | positive | positive | + |
| IgM | negative | negative | + |
| IgM | negative | negative | + |

## LABQUALITY – 09.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | positive | positive | + |
| IgG | positive | positive | + |
| IgM | positive | positive | + |
| IgM | positive | positive | + |
| Interpretation | infection confirmed | infection confirmed | + |
| Interpretation | infection confirmed | infection confirmed | + |

# INSTAND – 11.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | positive | positive | + |
| IgG | negative | negative | + |
| IgM | positive, borderline, negative | negative | + |
| IgM | negative | negative | + |
| Interpretation | late infection | late infection | + |
| Interpretation | no evidence of infection | no evidence of infection | + |

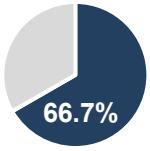
# SZÚ – 12.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | negative | negative | + |
| IgG | positive | positive | + |
| IgG | positive | positive | + |
| IgM | negative | negative | + |
| IgM | negative | negative | + |
| IgM | negative | negative | + |

# MBA Chlamydia

## INSTAND – 01.2025

*Chlamydia pneumoniae*




| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | negative | negative | + |
| IgA | negative | negative | + |
| IgG | negative | positive | - |
| IgG | positive, borderline | positive | + |
| Interpretation | no evidence of infection | late infection | - |
| Interpretation | late infection, no evidence of infection | late infection | + |

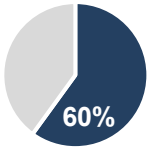
*Chlamydia trachomatis*

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | negative | negative | + |
| IgA | negative | negative | + |
| IgG | negative | negative | + |
| IgG | negative | negative | + |
| Interpretation | no evidence of infection | no evidence of infection | + |
| Interpretation | no evidence of infection | no evidence of infection | + |

# LABQUALITY – 01.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | positive | positive | + |
| IgG | positive | positive | + |
| Interpretation | late infection | late infection | + |
| Interpretation | late infection | late infection | + |
| Interpretation | no evidence of infection | no evidence of infection | + |

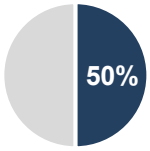
# LABQUALITY – 07.2025




| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | negative | negative | + |
| IgG | negative | negative | + |
| Interpretation | late infection | acute infection | - |
| Interpretation | acute infection | acute infection | + |
| Interpretation | no evidence of infection | late infection | - |

# INSTAND – 06.2025

*Chlamydia pneumoniae*




| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | negative | negative | + |
| IgA | negative | positive | - |
| IgG | negative | negative | + |
| IgG | positive | positive | + |
| Interpretation | no evidence of infection | late infection | - |
| Interpretation | late infection | ongoing infection | - |

*Chlamydia trachomatis*

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | negative | negative | + |
| IgA | negative | negative | + |
| IgG | negative | negative | + |
| IgG | positive | positive | + |
| Interpretation | no evidence of infection | no evidence of infection | + |
| Interpretation | late infection | late infection | + |

# SZÚ – 08.2025

*Chlamydia pneumoniae*

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | negative | negative | + |
| IgA | positive | positive | + |
| IgA | negative | negative | + |
| IgA | negative | negative | + |
| IgA | negative | negative | + |
| IgG | negative | negative | + |
| IgG | positive | positive | + |
| IgG | positive | positive | + |
| IgG | positive | positive | + |
| IgG | positive | positive | + |

*Chlamydia trachomatis*

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | negative | negative | + |
| IgA | positive | positive | + |
| IgA | negative | negative | + |
| IgA | negative | negative | + |
| IgA | negative | negative | + |
| IgG | negative | negative | + |
| IgG | positive | positive | + |
| IgG | negative | negative | + |
| IgG | positive | positive | + |
| IgG | positive | positive | + |

# INSTAND – 11.2025

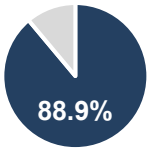
*Chlamydia pneumoniae*

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | negative | negative | + |
| IgA | negative | negative | + |
| IgG | positive | positive | + |
| IgG | negative | negative | + |
| Interpretation | acute infection, late infection | acute infection | + |
| Interpretation | no evidence of infection | no evidence of infection | + |

*Chlamydia trachomatis*

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | positive, borderline, negative | negative | + |
| IgA | negative | negative | + |
| IgG | positive, borderline | positive | + |
| IgG | negative | negative | + |
| Interpretation | acute infection, late infection | late infection | + |
| Interpretation | no evidence of infection | no evidence of infection | + |

# LABQUALITY – 12.2025




| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | positive | positive | + |
| IgA | positive | positive | + |
| IgA | negative | negative | + |
| IgG | positive | positive | + |
| IgG | positive | negative | - |
| IgG | positive | positive | + |
| Interpretation* | the sample was not evaluated | | |
| Interpretation* | the sample was not evaluated | | |
| Interpretation | late infection | late infection | + |

* The results for this sample were ambiguous (due to plasma pooling causing sample inhomogenity, mixture of antigens in kits etc.) – therefore this sample was not included in the final evaluation of any manufacturer.

# MBA CMV

## CAP – 04.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | positive | positive | + |
| IgM | negative | negative | + |

## SZÚ – 04.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | negative | negative | + |
| IgG | positive | positive | + |
| IgM | negative | negative | + |
| IgM | positive | positive | + |
| Interpretation | seronegative | seronegative | + |
| Interpretation | latent infection activation | latent infection activation | + |

# LABQUALITY – 06.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | positive | positive | + |
| IgG | positive | positive | + |
| IgG | positive | positive | + |
| IgM | negative | negative | + |
| IgM | negative | negative | + |
| IgM | positive | positive | + |
| Interpretation | late infection | late infection | + |
| Interpretation | late infection | late infection | + |
| Interpretation | acute infection | acute infection | + |

# INSTAND – 07.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | negative | negative | + |
| IgG | positive | positive | + |
| IgM | negative | negative | + |
| IgM | negative | negative | + |

# MBA COVID-19

## INSTAND – 01.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | negative | negative | + |
| IgA | positive | positive | + |
| IgA | negative | negative | + |
| IgA | negative | negative | + |
| IgG | negative | negative | + |
| IgG | positive | positive | + |
| IgG | negative | negative | + |
| IgG | positive | positive | + |

# MBA EBV

## INSTAND – 01.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA* | the sample was not evaluated | | |
| IgA* | the sample was not evaluated | | |
| IgG | negative | negative | + |
| IgG | positive | positive | + |
| IgM | negative | negative | + |
| IgM | negative | negative | + |
| Interpretation | no evidence of infection | no evidence of infection | + |
| Interpretation | late infection | late infection | + |

## CAP – 04.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG* | the sample was not evaluated | | |
| IgM* | the sample was not evaluated | | |

* The results for this sample were ambiguous (due to plasma pooling causing sample inhomogenity, mixture of antigens in kits etc.) – therefore this sample was not included in the final evaluation of any manufacturer.

# LABQUALITY – 03.2025

EBV EBNA

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | positive | positive | + |
| IgG | negative | negative | + |
| IgG | negative | negative | + |

EBV VCA

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | positive | positive | + |
| IgG | positive | positive | + |
| IgG | positive | positive | + |
| IgM | negative | negative | + |
| IgM | positive | positive | + |
| IgM | positive | positive | + |

Clinical evaluation

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| Interpretation | late infection | late infection | + |
| Interpretation | acute infection | acute infection | + |
| Interpretation | acute infection | acute infection | + |

## SZÚ – 05.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | positive | positive | + |
| IgG | negative | negative | + |
| IgM | negative | negative | + |
| IgM | negative | negative | + |
| Interpretation | anamnestic antibodies | anamnestic antibodies | + |
| Interpretation | seronegative | seronegative | + |

## INSTAND – 07.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA* | the sample was not evaluated | | |
| IgA* | the sample was not evaluated | | |
| IgG | positive | positive | + |
| IgG | negative | negative | + |
| IgM | negative | negative | + |
| IgM | negative | negative | + |
| Interpretation | late infection | late infection | + |
| Interpretation | late infection | late infection | + |

* The results for this sample were ambiguous (due to plasma pooling causing sample inhomogenity, mixture of antigens in kits etc.) – therefore this sample was not included in the final evaluation of any manufacturer.

# LABQUALITY – 10.2025

EBV EBNA

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | negative | negative | + |
| IgG | negative | negative | + |
| IgG | positive | positive | + |

EBV VCA

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | negative | negative | + |
| IgG | positive | positive | + |
| IgG | positive | positive | + |
| IgM | negative | negative | + |
| IgM | positive | positive | + |
| IgM | negative | negative | + |

Clinical evaluation

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| Interpretation | no evidence of infection | no evidence of infection | + |
| Interpretation | acute infection | acute infection | + |
| Interpretation | late infection | late infection | + |

# CAP – 12.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG* | the sample was not evaluated | | |
| IgM* | the sample was not evaluated | | |

* The results for this sample were ambiguous (due to plasma pooling causing sample inhomogenity, mixture of antigens in kits etc.) – therefore this sample was not included in the final evaluation of any manufacturer.

# INSTAND – 12.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA* | the sample was not evaluated | | |
| IgA* | the sample was not evaluated | | |
| IgG | positive | positive | + |
| IgG | positive | positive | + |
| IgM | positive | positive | + |
| IgM | negative | negative | + |
| Interpretation | acute infection | acute infection | + |
| Interpretation | late infection | late infection | + |

* The results for this sample were ambiguous (due to plasma pooling causing sample inhomogenity, mixture of antigens in kits etc.) – therefore this sample was not included in the final evaluation of any manufacturer.

# MBA Helicobacter

## INSTAND – 01.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | negative | negative | + |
| IgA | negative | negative | + |
| IgG | positive, borderline | positive | + |
| IgG | negative | negative | + |
| Interpretation | infection confirmed | infection confirmed | + |
| Interpretation | no evidence of infection | no evidence of infection | + |

## CAP – 04.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | negative | negative | + |
| IgG | negative | negative | + |

## LABQUALITY – 04.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | positive | positive | + |
| IgA | positive | positive | + |
| IgG | positive | positive | + |
| IgG | positive | positive | + |
| Interpretation | infection confirmed | infection confirmed | + |
| Interpretation | infection confirmed | infection confirmed | + |

## INSTAND – 06.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | negative | negative | + |
| IgA | negative | negative | + |
| IgG | negative | negative | + |
| IgG | positive | positive | + |
| Interpretation | no evidence of infection | no evidence of infection | + |
| Interpretation | infection confirmed | infection confirmed | + |

## SZÚ – 08.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | positive | positive | + |
| IgA | negative | negative | + |
| IgA | negative | negative | + |
| IgA | negative | negative | + |
| IgG | positive | positive | + |
| IgG | negative | negative | + |
| IgG | negative | negative | + |
| IgG | negative | negative | + |

# LABQUALITY – 10.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | positive | positive | + |
| IgA | positive | positive | + |
| IgG | positive | positive | + |
| IgG | positive | positive | + |
| Interpretation | infection confirmed | infection confirmed | + |
| Interpretation | infection confirmed | infection confirmed | + |

# INSTAND – 11.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | borderline, negative | negative | + |
| IgA | positive, borderline, negative | negative | + |
| IgG | negative | negative | + |
| IgG | positive | positive | + |
| Interpretation | no evidence of infection | no evidence of infection | + |
| Interpretation | infection confirmed | infection confirmed | + |

# CAP – 12.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA* | the sample was not evaluated | | |
| IgG | positive | positive | + |

* The results for this sample were ambiguous (due to plasma pooling causing sample inhomogenity, mixture of antigens in kits etc.) – therefore this sample was not included in the final evaluation of any manufacturer.

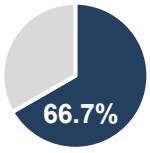
# MBA HSV

## LABQUALITY – 04.2025

HSV

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | positive | positive | + |
| IgG | positive | positive | + |
| IgG | positive | positive | + |
| IgM | negative | negative | + |
| IgM | negative | negative | + |
| IgM | negative | negative | + |

HSV 1




| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG* | the sample was not evaluated | | |
| IgG | negative | positive | - |
| IgG | positive | positive | + |

HSV 2

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | positive | positive | + |
| IgG | positive | positive | + |
| IgG | negative | negative | + |

* The results for this sample were ambiguous (due to plasma pooling causing sample inhomogenity, mixture of antigens in kits etc.) – therefore this sample was not included in the final evaluation of any manufacturer.

## CAP – 05.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | positive | positive | + |

## SZÚ – 08.2025

HSV 1

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | negative | negative | + |
| IgG | positive | positive | + |
| IgM | negative | negative | + |
| IgM | negative | negative | + |

HSV 2

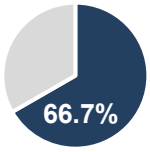
| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | negative | negative | + |
| IgG | positive | positive | + |
| IgM | negative | negative | + |
| IgM | negative | negative | + |

# LABQUALITY – 09.2025

HSV

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | positive | positive | + |
| IgG | negative | negative | + |
| IgG | positive | positive | + |
| IgM | negative | negative | + |
| IgM | negative | negative | + |
| IgM | negative | negative | + |

HSV 1




| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG* | the sample was not evaluated | | |
| IgG | negative | negative | + |
| IgG | negative | borderline | - |

HSV 2

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | positive | positive | + |
| IgG | negative | negative | + |
| IgG | positive | positive | + |

* The results for this sample were ambiguous (due to plasma pooling causing sample inhomogenity, mixture of antigens in kits etc.) – therefore this sample was not included in the final evaluation of any manufacturer.

# CAP – 12.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | positive | positive | + |

# INSTAND – 12.2025

HSV

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | positive | positive | + |
| IgG | positive | positive | + |
| IgM | negative | negative | + |
| IgM | negative | negative | + |

HSV 1

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | positive | positive | + |
| IgG | positive | positive | + |
| IgM | negative | negative | + |
| IgM | negative | negative | + |

HSV 2

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | negative | negative | + |
| IgG | positive | positive | + |
| IgM | negative | negative | + |
| IgM | negative | negative | + |

# MBA Mycoplasma

## INSTAND – 01.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | negative | negative | + |
| IgA | negative | negative | + |
| IgG | positive, borderline, negative | negative | + |
| IgG | negative | negative | + |
| IgM | positive, borderline | positive | + |
| IgM | negative | negative | + |

## LABQUALITY – 01.2025

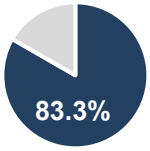
| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG* | the sample was not evaluated | | |
| IgG* | the sample was not evaluated | | |
| IgM | negative | negative | + |
| IgM | negative | negative | + |
| Interpretation | the sample was not evaluated | | |
| Interpretation | the sample was not evaluated | | |

* The results for this sample were ambiguous (due to plasma pooling causing sample inhomogenity, mixture of antigens in kits etc.) – therefore this sample was not included in the final evaluation of any manufacturer.

## CAP – 04.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG* | the sample was not evaluated | | |
| IgM* | the sample was not evaluated | | |

## LABQUALITY – 06.2025




| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | positive | positive | + |
| IgG | negative | negative | + |
| IgM | positive | negative | - |
| IgM | negative | negative | + |
| Interpretation | acute infection | acute infection | + |
| Interpretation | no evidence of infection | no evidence of infection | + |

## INSTAND – 11.2025

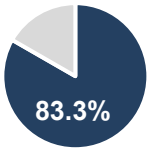
| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | negative | negative | + |
| IgA | positive, borderline, negative | negative | + |
| IgG | negative | negative | + |
| IgG | positive, borderline | positive | + |
| IgM | negative | negative | + |
| IgM | positive, borderline, negative | positive | + |

* The results for this sample were ambiguous (due to plasma pooling causing sample inhomogenity, mixture of antigens in kits etc.) – therefore this sample was not included in the final evaluation of any manufacturer.

# CAP – 12.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG* | the sample was not evaluated | | |
| IgM* | the sample was not evaluated | | |

# LABQUALITY – 12.2025




| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgG | positive | positive | + |
| IgG* | the sample was not evaluated | | |
| IgM | negative | negative | + |
| IgM | positive | borderline | - |
| Interpretation | late infection | late infection | + |
| Interpretation | acute infection | acute infection | + |

* The results for this sample were ambiguous (due to plasma pooling causing sample inhomogenity, mixture of antigens in kits etc.) – therefore this sample was not included in the final evaluation of any manufacturer.

# MBA Yersinia

## INSTAND – 07.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | borderline, negative | negative | + |
| IgA | negative | negative | + |
| IgG | positive, borderline | positive | + |
| IgG | borderline, negative | negative | + |
| Interpretation | late infection | late infection | + |
| Interpretation | no evidence of infection | no evidence of infection | + |

## SZÚ – 08.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| IgA | positive | positive | + |
| IgA | negative | negative | + |
| IgG | positive | positive | + |
| IgG | negative | negative | + |
| IgG | positive | positive | + |
| IgG | negative | negative | + |

# Immunology
# & Autoimmune Diseases

# MBA ANA

## SEKK – 03.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| Anti-ds-DNA | negative | negative | + |
| Anti-ds-DNA | positive | positive | + |
| Anti-ENA/centromere | negative | negative | + |
| Anti-ENA/centromere | negative | negative | + |
| Anti-ENA/Jo-1 | negative | negative | + |
| Anti-ENA/Jo-1 | negative | negative | + |
| Anti-ENA/RNP | positive | positive | + |
| Anti-ENA/RNP | negative | negative | + |
| Anti-ENA/Scl-70 | negative | negative | + |
| Anti-ENA/Scl-70 | negative | negative | + |
| Anti-ENA/SS-A/Ro-60 | positive | positive | + |
| Anti-ENA/SS-A/Ro-60 | negative | negative | + |
| Anti-ENA/SS-B/La | positive | positive | + |
| Anti-ENA/SS-B/La | negative | negative | + |

## CAP – 04.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| ANA | negative | negative | + |
| ANA | positive | positive | + |
| ANA | negative | negative | + |
| ANA | positive | positive | + |
| ANA | positive | positive | + |

## INSTAND – 04.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| ANA | positive | positive | + |
| ANA* | the sample was not evaluated | | |
| anti-DFS70 | positive, negative | negative | + |
| anti-DFS70* | the sample was not evaluated | | |
| anti-dsDNA | negative | negative | + |
| anti-dsDNA* | the sample was not evaluated | | |

* The results for this sample were ambiguous (due to plasma pooling causing sample inhomogenity, mixture of antigens in kits etc.) – therefore this sample was not included in the final evaluation of any manufacturer.

# LABQUALITY – 05.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| Anti-CENP A | negative | negative | + |
| Anti-CENP A | negative | negative | + |
| Anti-CENP A | negative | negative | + |
| Anti-CENP B | negative | negative | + |
| Anti-CENP B | negative | negative | + |
| Anti-CENP B | negative | negative | + |
| Anti-dsDNA | positive | positive | + |
| Anti-dsDNA | negative | negative | + |
| Anti-dsDNA | negative | negative | + |
| Anti-ENA/Jo-1 | negative | negative | + |
| Anti-ENA/Jo-1 | negative | negative | + |
| Anti-ENA/Jo-1 | negative | negative | + |
| Anti-ENA/RNP | positive | positive | + |
| Anti-ENA/RNP | negative | negative | + |
| Anti-ENA/RNP | negative | negative | + |
| Anti-ENA/SS-A/Ro 52kD | borderline, negative | negative | + |
| Anti-ENA/SS-A/Ro 52kD | negative | negative | + |
| Anti-ENA/SS-A/Ro 52kD | negative | negative | + |
| Anti-ENA/SS-A/Ro 60kD | negative | negative | + |
| Anti-ENA/SS-A/Ro 60kD | negative | negative | + |
| Anti-ENA/SS-A/Ro 60kD | negative | negative | + |
| Anti-ENA/SS-B/La | negative | negative | + |
| Anti-ENA/SS-B/La | negative | negative | + |
| Anti-ENA/SS-B/La | negative | negative | + |
| Anti-ENA/Scl-70 | positive | positive | + |
| Anti-ENA/Scl-70 | negative | negative | + |

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| Anti-ENA/Scl-70 | negative | negative | + |
| Anti-histones | negative, positive | negative | + |
| Anti-histones | negative | negative | + |
| Anti-histones | negative | negative | + |
| Anti-SmB | negative | negative | + |
| Anti-SmB | negative | negative | + |
| Anti-SmB | negative | negative | + |
| Anti-SmD | negative | negative | + |
| Anti-SmD | negative | negative | + |
| Anti-SmD | negative | negative | + |
| Anti-Rib-P | negative | negative | + |
| Anti-Rib-P | negative | negative | + |
| Anti-Rib-P | negative | negative | + |

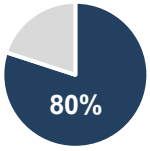
# SEKK – 09.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| Anti-ds-DNA | positive | positive | + |
| Anti-ds-DNA | negative | negative | + |
| Anti-ENA/centromere | negative | negative | + |
| Anti-ENA/centromere | negative | negative | + |
| Anti-ENA/Jo-1 | negative | negative | + |
| Anti-ENA/Jo-1 | negative | negative | + |
| Anti-ENA/RNP | positive | positive | + |
| Anti-ENA/RNP | negative | negative | + |
| Anti-ENA/Scl-70 | negative | negative | + |
| Anti-ENA/Scl-70 | negative | negative | + |
| Anti-ENA/SS-A/Ro-60 | positive | positive | + |
| Anti-ENA/SS-A/Ro-60 | negative | negative | + |
| Anti-ENA/SS-B/La | positive | positive | + |
| Anti-ENA/SS-B/La | negative | negative | + |

# INSTAND – 10.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| ANA | positive | positive | + |
| ANA | positive, negative | positive | + |
| anti-DFS70 | negative | negative | + |
| anti-DFS70 | negative | negative | + |
| anti-dsDNA | positive | positive | + |
| anti-dsDNA | negative | negative | + |
| Anti-ENA/Jo-1 | negative | negative | + |
| Anti-ENA/Jo-1 | negative | negative | + |
| Anti-ENA/RNP | negative | negative | + |
| Anti-ENA/RNP | positive | positive | + |
| Anti-ENA/SS-A/Ro 52kD | positive | positive | + |
| Anti-ENA/SS-A/Ro 52kD | negative | negative | + |
| Anti-ENA/SS-A/Ro 60kD | positive | positive | + |
| Anti-ENA/SS-A/Ro 60kD | negative | negative | + |
| Anti-ENA/SS-B/La | negative | negative | + |
| Anti-ENA/SS-B/La | negative | negative | + |
| Anti-ENA/Scl-70 | negative | negative | + |
| Anti-ENA/Scl-70 | negative | negative | + |
| Anti-PM/Scl | negative | negative | + |
| Anti-PM/Scl | negative | negative | + |
| Anti-Sm(D) | negative | negative | + |
| Anti-Sm(D) | negative | negative | + |
| Anti Sm(B´B) | negative | negative | + |
| Anti Sm(B´B) | negative | negative | + |
| Anti-SS-A/Ro | positive | positive | + |
| Anti-SS-A/Ro | negative | negative | + |

## CAP – 11.2025




| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| ANA | positive | positive | + |
| ANA | negative | negative | + |
| ANA | positive | negative | - |
| ANA | negative | negative | + |
| ANA | negative | negative | + |

## CAP – 12.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| ANA | positive | positive | + |
| ANA | negative | negative | + |
| ANA | negative | negative | + |
| ANA | positive | positive | + |
| ANA | negative | negative | + |

# MBA Autoimmune gastroenteritis panel

## LABQUALITY – 04.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| Anti-gliadin DA IgA | negative | negative | + |
| Anti-gliadin DA IgA | positive | positive | + |
| Anti-gliadin DA IgG | negative | negative | + |
| Anti-gliadin DA IgG | positive | positive | + |
| Anti-transglutaminase IgA | negative | negative | + |
| Anti-transglutaminase IgA | positive | positive | + |
| Anti-transglutaminase IgG | negative | negative | + |
| Anti-transglutaminase IgG | positive | positive | + |

## CAP – 06.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| GIH_ APC | positive | positive | + |
| GIH_ APC | negative | negative | + |

## LABQUALITY – 06.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| PCA | positive | positive | + |
| PCA | negative | negative | + |

## SEKK – 04.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| Anti-Saccharomyces cerevisiae IgA | positive | positive | + |
| Anti-Saccharomyces cerevisiae IgA | negative | negative | + |
| Anti-Saccharomyces cerevisiae IgG | positive | positive | + |
| Anti-Saccharomyces cerevisiae IgG | negative | negative | + |

## LABQUALITY – 11.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| Anti-gliadin DA IgA* | the sample was not evaluated | | |
| Anti-gliadin DA IgA | negative | negative | + |
| Anti-gliadin DA IgG* | the sample was not evaluated | | |
| Anti-gliadin DA IgG | positive | positive | + |
| Anti-transglutaminase IgA | positive | positive | + |
| Anti-transglutaminase IgA | negative | negative | + |
| Anti-transglutaminase IgG | negative | negative | + |
| Anti-transglutaminase IgG | positive | positive | + |

* The results for this sample were ambiguous (due to plasma pooling causing sample inhomogenity, mixture of antigens in kits etc.) – therefore this sample was not included in the final evaluation of any manufacturer.

# MBA Liver profile

## CAP – 05.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| LKM | positive | positive | + |
| LKM | negative | negative | + |

## CAP – 05.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| GIH_ H-01_M2 | positive | positive | + |
| GIH_ H-02_ M2 | negative | negative | + |

## LABQUALITY – 06.2025

| Category | Sample specification | TestLine result | Meets criteria |
|---|---|---|---|
| AMA | negative | negative | + |
| AMA | positive | positive | + |