

|                                                       |                                          |                                                |                 |                  |
|-------------------------------------------------------|------------------------------------------|------------------------------------------------|-----------------|------------------|
| Patient ID<br><b>C7028846-0006563</b>                 | Patient Name<br><b>MAGE4, ABNORMAL</b>   | Birth Date<br><b>1990-10-30</b>                | Sex<br><b>M</b> | Age<br><b>34</b> |
| Order Number<br><b>X100509959</b>                     | Client Order Number<br><b>X100509959</b> | Ordering Physician<br><b>UNKNOWN, PROVIDER</b> | Report Notes    |                  |
| Account Information<br><b>C7028846 DLMP Rochester</b> |                                          | Collected<br><b>24 Sep 2025 08:00</b>          |                 |                  |

## MAGE-A4, SemiQuant IHC, Manual

Case Number CR-25-611

### Interpretation

MCR

Lung, specimen for MAGE-A4 immunohistochemistry studies (anti-MAGE4 clone OTIF9, Origene, Rockville, MD) (ST25-16-1):

20% of tumor cells with greater than or equal to 2+ cytoplasmic and/or nuclear staining.

This result should be interpreted in the appropriate clinical context.

Fixation: This test has been validated for decalcified and non-decalcified paraffin embedded tissue specimens fixed in 10% neutral buffered formalin. Recommended fixation time is between 6-72 hours. This assay has not been validated on tissues subjected to use of alternative fixatives for bone/bone marrow specimens or cell blocks.

### Material Received

MCR

### Report electronically signed by

MCR

A. ST25-16: Lung

**Alison Smarzyk Carlson**

2 unstained slides

### Disclaimer

MCR

This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Received: 25 Sep 2025 13:14

Reported: 25 Sep 2025 15:18

### Performing Site Legend

| Code | Laboratory                                       | Address                                  | Lab Director         | CLIA Certificate |
|------|--------------------------------------------------|------------------------------------------|----------------------|------------------|
| MCR  | Mayo Clinic Laboratories - Rochester Main Campus | 200 First Street SW, Rochester, MN 55905 | Nikola Baumann Ph.D. | 24D0404292       |