

Melanoma-associated antigen-A4 (MAGE-A4), Semi-Quantitative Immunohistochemistry, Manual

Test ID: MAGE4

Useful for:

Determining expression of melanoma-associated antigen-A4 (MAGE-A4) in synovial sarcoma and other neoplasms

As an aid in screening patients who may be eligible for TECELRA (afamitresgene autoleucel) therapy

Methods:

Immunohistochemistry (IHC)

Specimen Requirements:

Supplies: Pathology Packaging Kit (T554)

Specimen Type: Tissue

Collection Instructions: Formalin-fixed, paraffin-embedded tissue block; or 3 unstained glass, positively-charged slides with 4-microns formalin-fixed, paraffin-embedded tissue.

Additional Information: One slide will be stained with hematoxylin and eosin and returned.

Specimen Stability Information:

Specimen Type	Temperature	Time
Special	Ambient (preferred)	
	Refrigerated	

Cautions:

This test has been validated for nondecalcified paraffin-embedded tissue specimens fixed in 10% neutral-buffered formalin. Recommended fixation time is between 6 and 48 hours. This assay has not been validated on tissues subjected to the decalcification process or use of alternative fixatives for bone and bone marrow specimens or cell blocks.

Age of a cut paraffin section can affect immunoreactivity. Stability thresholds vary widely among published literature and are antigen dependent. Best practice is for paraffin sections to be cut within 6 weeks.

The charge of glass slides can be affected by environmental factors and subsequently may alter slide staining. Sending unsuitable glass slides can result in inconsistent staining due to poor slide surface chemistry.

Best practices for storage of positively charged slides:

- Minimize time slides are stored after being unpackaged
- Limit exposure to high humidity and heat

CPT Code:

88360

Day(s) Performed: Monday through Friday

Report Available: 5 to 7 days

Questions

Contact Richard Einerson/Sarah Turner, Laboratory Technologist Resource Coordinator at 800-533-1710.