

Reporting Title: Histone H3 K27M IHC, Tech Only

Performing Location Rochester

Ordering Guidance:

This test includes only technical performance of the stain (no pathologist interpretation is performed). If diagnostic consultation by a pathologist is required order PATHC / Pathology Consultation.

Mayo Clinic Laboratories has multiple histone immunostains available. See table for ordering guidance.

Test ID	Published name	Indication	Mayo Clinic slide label
HG34 W	Histone 3.3 G34W (H3F3A G34W) Immunostain, Technical Component Only	Giant cell tumor of bone (GCTB)	H3 G34W
HK27M	Histone H3 K27M Mutant (H3 K27M) Immunostain, Technical Component Only	K27M mutant midline gliomas	H3 K27M
HISME	Histone H3 Trimethyl K27 (H3 K27me[3]) Immunostain, Technical Component Only	MPNST and K27M mutant midline gliomas	H3 K27me3
HK36M	Histone H3 K36M Mutant (H3F3 K36M) Immunostain, Technical Component Only	Chondroblastom a	H3 K36M

Shipping Instructions:

Attach the green pathology address label and the pink Immunostain Technical Only label included in the kit to the outside of the transport container.

Specimen Requirements:

Supplies: Immunostain Technical Only Envelope (T693)

Specimen Type: Tissue

Container/Tube: Immunostain Technical Only Envelope

Preferred: 2 Unstained positively charged glass slide (25- x 75- x 1-mm) per test ordered; sections 4-microns thick.

Acceptable: Formalin-fixed, paraffin-embedded (FFPE) tissue block

Forms:

If not ordering electronically, complete, print, and send an [Immunohistochemical \(IHC\)/In Situ Hybridization \(ISH\) Stains Request](#) (T763) with the specimen.

Specimen Type	Temperature	Time	Special Container
TECHONLY	Ambient (preferred)	0 hours	
	Refrigerated	0 hours	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC
604990	Histone H3 K27M IHC, Tech Only	Alphanumeric		Bill only; no result

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

88342-TC, primary

88341-TC, if additional IHC

Reflex Tests:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
IHTOI	IHC Initial, Tech Only	1	88342	No	No
IHTOA	IHC Additional, Tech Only	1	88341	No	No