

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

HG34W 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 Chondroblastoma H3 K36M

Shipping Instructions:

Attach the green "Attention Pathology" address label (T498) 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 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)		
	Refrigerated		

Result Codes:

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

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	Orderable Separately
IHTOI	IHC Initial, Tech Only			No	No
IHTOA	IHC Additional, Tech Only			No	No