Nordic Immunohistochemical Quality Control
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Recommended protocol for MLH1

Obtained in run 76

29 Dec 2025

Immunostainer

Type:	Ventana Benchmark Ultra Plus

Primary antibody

Clone:	ES05
Producer:	Dako/Agilent
Product no. / lot no.:	M3640 / 11829474
Diluent:	Antibody Diluent with Background Reducing Componen
Diluent producer / no.:	Dako / S3022
Dilution factor:	1:20
Incubation time / temperature:	40 min. / 37°C

Epitope retrieval, HIER

Device:	On Board / On Machine
Buffer:	Ventana Ultra CC1
Heating time at max. temp.:	64 min.
Maximum heating temp.:	100°C

Visualization system

Producer:	Ventana
Product / no:	OptiView DAB IHC Detection Kit / 760-700
Incubation time linker:	8 min.
Incubation time polymer:	8 min.
Amplifier:	OptiView Amplification Kit
Incubation time amplifier:	4+4 min.
Incubation temperature:	36°C

Chromogen

Producer:	Ventana
Product / no:	OptiView DAB IHC Detection Kit / 760-700
Incubation time / temperature:	8 min. / 36°C
Enhancement:	CuSO4

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