

## Recommended protocol for CEA

Obtained in run 54

02 Sep 2018

### Immunostainer

Type: Ventana Benchmark Ultra

### Primary antibody

Clone: COL-1  
Producer: Invitrogen  
Product no. / lot no.: 180057 / RL2309771D  
Diluent: Antibody Diluent  
Diluent producer / no.: Dako / K8006  
Dilution factor: 1:400  
Incubation time / temperature: 32 min. / 36°C

### Epitope retrieval, HIER

Device: On Board / On Machine  
Buffer: Ventana Ultra CC1  
Heating time at max. temp.: 48 min.  
Maximum heating temp.: 99°C

### Visualization system

Producer: Ventana  
Product / no: OptiView DAB IHC Detection Kit / 760-700  
Incubation time linker: 8 min.  
Incubation time polymer: 8 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: CuSO<sub>4</sub>

### Disclaimer:

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