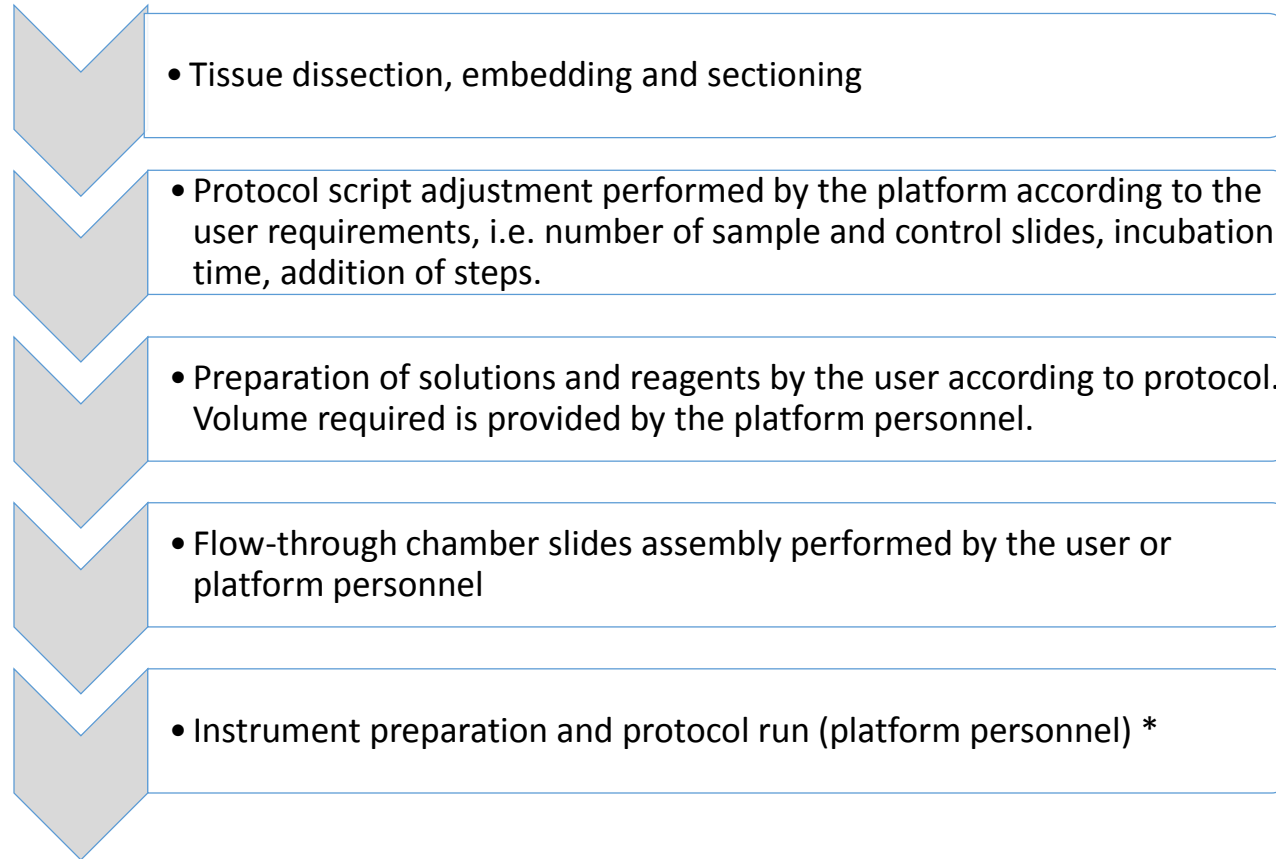
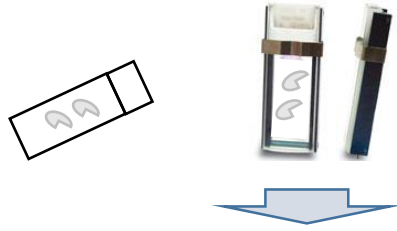


# Preparation for automated Immunohistochemistry



\* Initially, a protocol trial is carried out with few slides.



**Tecan GenePaint System**  
(1-48 slides)

**Deparaffinization and rehydration of sections**

**Immunohistochemical Protocol:**

Initial PBST wash  
Blocking- 1 hour PBST rinse  
Primary Antibody, isotype or non-primary Antibody controls incubation- 1 hour  
PBST wash  
Secondary Antibody (Fluorescence-labeled)- 45 minutes  
PBST wash  
DAPI-10 minutes  
PBST wash

**Sections Mounting- Manual Step**

**Microscopy Imaging**  
**Image data analysis**

Automated TECAN GenePaint steps  
4.5-5 hours  
according to the number of slides

**Example of an automated Immunofluorescence protocol using the Tecan GenePaint robotic system.** 200 µl per slide of antibody or blocking solution are applied at the corresponding step, a minimum of 150 µl is recommended. Incubation temperature can be adjusted as required.