IMMUNOHISTOCHEMISTRY USER GUIDE

The following information is to assist the requester in successfully submitting orders for IHC.

Procedures:

1. The investigator must submit a request via the iLab Chargeback System. A log sheet (included within the request) must be completed with the following information:
   - The Sample ID: the name or ID of tissue sample, slide, block (i.e. 123, AB-45, CDE6).
   - The Sample Description (i.e. human, mouse, PDX model, etc.)
   - The Sample Quantity: number of blocks, slides and/or cassettes submitted.
   - Special Instructions: serviced requested on your samples (i.e. CD4 and Ki67 staining)

2. After approval of the order, the investigator must submit items in the following manner:
   - Antibodies of interest (primary antibody) must be accompanied with the datasheet from the antibody manufacturer and references for non-established antibodies.
   - The minimum amount of antibody to be submitted is 1 mL in manufacturer’s vial.
   - If available, the investigator must submit positive and negative controls specified by antibody manufacturer.
   - It is strongly recommended that all slides be positively charged.

3. Antibodies included on our panel list have been validated in our lab. However, we must perform assay development on any antibodies that do not have a validated protocol. All work will be charged according to services rendered.

4. The estimated time of completion for an immunohistochemistry order can vary. Factors such as current workflow and nature of the request all impact turnaround time. The investigator will be contacted via email upon completion.

5. The investigator will be responsible for obtaining a pathologist for detailed reading of slides, or can optionally request “Pathologist Services” from the RHF Core Lab to be performed by one of our associated pathologists.

6. Immunohistochemical services provided by the lab are intended research purposes only.

If there are any questions regarding the services offered, please contact the Research Histology Core Lab at (713) 792-3119 or via email at RHFCoreLab@mdanderson.org.