

1 Loading checklist

Before inserting the slide holder into the GeoMx instrument, check the following:

- Slides are loaded in the **correct order**
- Slides are in the **correct orientation** (see image at right)
- Slides have been **covered in at least 2mL Buffer S**



2 Scan checklist

Before clicking **Scan**, check the following:

- Each slide is matched to its respective **slide record**
 - Correct configuration files** selected - content (human/mouse) and software version #
 - FITC is set as focus channel** (unless using alternative DNA stain)
 - Channel, Fluorophore, and Biological Target** are consistent with each other and with experimental design

Note: If scans were performed with incorrect configuration files, return to the scan record and correct the configuration file designation at this time.

- Exposure times** for each channel are set appropriately
- All **scan settings** have been confirmed before saving and exiting

At this time, you may consider starting a new run and rescanning if fluorescent images are of insufficient quality for segmentation or other purposes

After starting collection, you will no longer be able to rescan the slide in its current state.

3 ROI selection checklist

Before collecting, check the following:

- The **number of ROIs** is correct
- ROI sizes** are as desired
- ROI locations** are as desired
- Segmentation** in each ROI has been reviewed

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Additional Customer Resources

For more comprehensive information, visit us at nanosttring.com and go to **Support > Product Support** to view manuals and other technical product literature.

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