

Lab 3 – List of Tissue Slides

This table lists the tissue slides you will observe in lab today. Since many of these tissues are parts of organs, the slides will often be labeled with the organ name rather than the tissue name: use the middle column to locate the correct slide if it is not labeled with the tissue name.

Tissue	Location / Slide ID	Where to look
Simple Squamous 1	Lung (human or monkey/ primate)	Somewhat atypical, as here it is lining air sacs rather than organs
Simple Squamous 2	Demo slide (human placenta)	Shows the way simple squamous typically covers internal surfaces
Simple Cuboidal	Mammal kidney	Forming sectioned tubules
Simple Columnar	Jejunum or small intestine	
Pseudostratified Columnar	Mammal Trachea	lining one surface
Stratified Squamous	Mammal esophagus	
Stratified Cuboidal 1	Mammal graafian follicles or ovary corpus luteum	lining the inside of large circular structures (ovarian follicles)
Stratified Cuboidal 2	Demo slide (submandibular gland)	
Stratified Columnar	Human ductus deferens	Lining interior space (lumen)
Transitional Epithelium	Mammal ureter	Lining interior space (lumen)
Smooth Muscle: teased	Smooth muscle macerated	Note fiber size and shape, location of nucleoli
Smooth Muscle: organ	Smooth muscle cs ls	Note 2 sections on slide, showing transverse and longitudinal sections
Skeletal Muscle: teased	Striated muscle teased	Note fiber size and shape, striations, location of nucleoli
Skeletal Muscle: organ	Tongue	Both transverse and longitudinally sectioned fibers are present
Cardiac Muscle	Heart intercalated disks	
Nervous Tissue	Spinal cord multipolar motor neuron smear	