

Liquid 10%  
Formalin

FormageI™

Case #	Diagnosis	Specimen Size	Tissue Type	Hematoxylin Eosin	Cellular Detail	Overall Morphology	Hematoxylin Eosin	Cellular Detail	Overall Morphology	Background 1= Light Residual 2= Heavy Residual	Comment		
100		MED	HEART/LIVER	4	4	4	4	4	4	4	INFANT AUTOPSY		
101	Adenocarcinoma, moderately differentiated. Chronic interstitial fibrosis with patchy lymphoplasmacytic inflammation, including areas with end-stage honeycomb lung and pulmonary bleb formation.	MED	LUNG	4	4	4	4	4	3	4	1		
102	Gastric body with no significant pathological findings	MED	GASTRIC	4	4	4	4	4	4	4	1	Mucin, alcian blue	
103	Ovarian papillary serous cystadenoma. Adjacent tubal tissue with no significant abnormality.	SMALL	OVARY	4	4	3	4	4	4	4	1		
104	Gangrene. No evidence of osteomyelitis.	SMALL	SKIN	NA	NA	NA	NA	4	4	4	4		
105	Moderately Differentiated Adenocarcinoma, 0.6x0.5x0.5 cm (see synopsis and comment)	SMALL	LUNG	4	4	4	4	4	4	4			
106	mild chronic cystic cervicitis. Secretory pattern endometrium with focal tubal metaplasia and shedding. multiple leiomyomata, focally with degenerative	MED	LEIOMYOMA	4	4	4	4	3	3	3	3	1	
107	RENAL CELL CARCINOMA (see synopsis below)	SMALL	KIDNEY	3	3	4	4	4	4	4			

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108	Reactive epithelial changes with villous blunting, serosal fibrous adhesions, and focal serosal foreign body-type giant cell reaction to digested food material.	SMALL	SMALL INTESTINE	4	4	4	4	3	3	3	3	1		
109	Focal mild eosinophilic inflammation of the muscularis propria (see comment) Reactive pericolic lymph nodes.	SMALL	LYMPH NODE	4	4	4	4	3	3	3	3			
110	Gastric body with mild chronic gastritis	SMALL	STOMACH	4	4	4	4	4	4	4	4			CD45, Leu M1
111	DIFFUSE LARGE B CELL LYMPHOMA (T-cell/histocyte rich variant), see comment.	SMALL	LYMPH NODE	4	4	4	4	4	4	4	4			CD45, Ki67, CD15
112	disordered proliferative pattern endometrium. Multiple leiomyomata. Focal adenomyosis.	SMALL	UTERUS	4	4	4	4	4	4	4	4			smooth muscle actin
113	Morphologically unremarkable fundic type gastric mucosa	SMALL	STOMACH	4	4	4	4	4	4	4	4	1		
114	PROSTATIC ADENOCARCINOMA (see synopsis below)	SMALL	PROSTATE	4	4	4	4	4	4	4	4			
115	Benign small intestine with ischemic changes	SMALL	SM BOWEL	4	4	4	4	3	3	3	3			





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131	Pt1:urothelial mucosa with mild chronic inflammation. Negative for carcinoma. Pt2:HIGH GRADE UROTHELIAL CARCINOMA (see synopsis below). Margins of resection positive for carcinoma.	SMALL BLADDER		4	4	4	4	4	4	4	1		
132	a. RENAL CELL CARCINOMA (see synopsis below)b. renomedullary cell tumor	SMALL KIDNEY		NA	NA	NA	NA	4	4	4	4	1	

# STAINING DATA/RESULTS

CASE #	DIAGNOSIS	TISSUE TYPE	STAIN	10% FORMALIN	PGF20 UPTAKE	BACKGROUND	1= LIGHT RESIDUAL	2=HEAVY RESIDUAL	COMMENT
102	Gastric body with no significant pathologic findings	stomach	Mucin	na	0	(neg control)			As expected no uptake of mucin in stomach lining
102	" " " " "	stomach	Alcian blue	na	3+				As expected uptake of mucoprotiens
110	Gastric body with mild chronic gastritis.	stomach	LCA	na	4+				As Expected
			Leu M1	na	4+				As Expected
111	DIFFUSE LARGE B CELL LYMPHOMA (T-cell/histocyte rich variant), see comment	lymph node	CD45	4+	4+				As Expected
			CD15	Neg	Neg				As Expected
			Ki67	4+	4+				As Expected
112	disordered proliferative pattern endometrium. Multiple leiomyomata. Focal adenomyosis.	Uterus	Smooth Muscle Actin	na	4+				As Expected

CASE #	DIAGNOSIS	TISSUE TYPE	STAIN	10% FORMALIN	PGF20 UPTAKE	BACKGROUND	1= LIGHT RESIDUAL	2=HEAVY RESIDUAL	COMMENT
117	a. Well differentiated colonic adenocarcinoma. (See Synopsis). B. 16 Benign lymph nodes.	Colon	CEA	na	4+				As Expected
118	Pt1 dermal fibrosis (see comment). Pt2 a. dermal fibrosis and focal fat necrosis (see comment). B. small squamous inclusion cyst.	Skin	CYP	na	4+				As Expected
125	Acute diverticulitis with focal rupture, abcess formation and associated serositis	colon	Pas	na	4+	1			As expected mucin staining
125	" " " " "	colon	Pas with dig	na	4+	1			As expected mucin staining
126	gangrenous necrosis with ulceration. Calcific atherosclerosis and arteriosclerosis with focal thrombosis. Margins of resection histologically viable	muscle	Trichrome	na	4+				As expected muscle stained sharp
126	" " " " "	skin	Trichrome	na	4+				As expected
127	MANTLE CELL LYMPHOMA (see synopsis and comment)	spleen	CD20	3+	4+				As expected slightly sharper than liquid formalin
			BCL1	4+					