

Supplemental Digital Content.

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Sample Pathology Report #1:

A. ILEUM, TERMINAL, (BIOPSY)

- Small bowel mucosa with erosion, cryptitis, pyloric gland metaplasia, and granulomas

B. COLON, ASCENDING, (BIOPSY)

- Colonic mucosa with no significant histopathologic abnormality

C. COLON, TRANSVERSE, (BIOPSY)

- Colonic mucosa with erosion, acute cryptitis, and crypt distortion

D. COLON, DESCENDING, (BIOPSY)

- Colonic mucosa with erosion, acute cryptitis, increased chronic inflammation, and crypt distortion

E. RECTUM, BIOPSY

- Colonic mucosa with focal acute cryptitis, crypt distortion, Paneth cell metaplasia, and focal pyloric gland metaplasia

COMMENT: All specimens are negative for dysplasia.

Row	Metric	Scoring
Activity		
A	Lamina Propria Neutrophils	Moderate (2)
B	Cryptitis/Crypt abscesses (Neutrophils in Epithelium)	<50% crypts (2)
C	Erosion/Ulcers	Unequivocal erosion (2)
Chronicity		
D	Chronic Inflammatory Infiltrate	Moderate (2)
E	Basal Lymphoplasmacytosis	Moderate (2)
F	Architectural distortion and/or metaplasia	Mild (1)
Additional Findings		
G	Granulomas	Present
H	Viral cytopathic effect	Absent
I	Dysplasia	Negative
K	Robart's Activity Index	22/33

Sample Pathology Report #2:

A. COLON, ASCENDING, (BIOPSY)

- Chronic active colitis with focal crypt abscess
- No granulomata, viral cytopathic effect, or dysplasia

B. COLON, TRANSVERSE, (BIOPSY)

- Chronic colitis with moderate activity (crypt abscesses)
- No granulomata, pathogenic organisms or dysplasia

C. COLON, DESCENDING, (BIOPSY)

- Chronic colitis with mild activity
- Indefinite for dysplasia
- No granulomata or pathogenic organisms

D. RECTUM, BIOPSY

- Chronic colitis with moderate activity (crypt abscesses)
- No granulomata, pathogenic organisms or dysplasia

Row	Metric	Scoring (report view)
Activity		
A	Lamina Propria Neutrophils	Moderate (2)
B	Cryptitis/Crypt abscesses (Neutrophils in Epithelium)	<50% crypts (2)
C	Erosion/Ulcers	None (0)
Chronicity		
D	Chronic Inflammatory Infiltrate	Moderate (2)
E	Basal Lymphoplasmacytosis	Mild (1)
F	Architectural distortion and/or metaplasia	Moderate (2)
Additional Findings		
G	Granulomas	Absent
H	Viral cytopathic effect	Absent
I	Dysplasia	Indefinite
K	Robart's Activity Index	12/33

Sample Pathology Report #3:

A. COLON, ASCENDING, (BIOPSY)

- Colonic mucosa with extensive cryptitis and crypt abscesses (see comment)

B. COLON, TRANSVERSE, (BIOPSY)

- Colonic mucosa with extensive cryptitis and crypt abscesses

C. COLON, DESCENDING, (BIOPSY)

- Colonic mucosa with extensive cryptitis and crypt abscesses

D. RECTUM, BIOPSY

- Colonic mucosa with extensive cryptitis and crypt abscesses

COMMENT: The differential diagnosis includes infectious etiologies and medications.

Row	Metric	Scoring (report view)
Activity		
A	Lamina Propria Neutrophils	Marked (3)
B	Cryptitis/Crypt abscesses (Neutrophils in Epithelium)	>50% crypts (3)
C	Erosion/Ulcers	Probable erosion (1)
Chronicity		
D	Chronic Inflammatory Infiltrate	Mild (1)
E	Basal Lymphoplasmacytosis	None (0)
F	Architectural distortion and/or metaplasia	None (0)
Additional Findings		
G	Granulomas	Absent
H	Viral cytopathic effect	Absent
I	Dysplasia	Negative
K	Robart's Activity Index	15/33

Sample Pathology Report #4:

A. ILEUM, TERMINAL, (BIOPSY)

- Chronic active ileitis with ulceration (see comment)

B. COLON, ASCENDING, (BIOPSY)

- No significant abnormality

C. COLON, TRANSVERSE, (BIOPSY)

- Chronic active colitis

D. COLON, DESCENDING, (BIOPSY)

- Chronic active colitis

E. RECTUM, BIOPSY

- Chronic active proctitis with ulceration

COMMENT: The colorectal biopsies show an active colitis with cryptitis and crypt abscess formation. There are also features of chronicity including crypt architectural distortion and a basal lymphoplasmacytosis. The terminal ileum biopsy shows similar findings with chronic active inflammation, pyloric gland metaplasia, and a possible poorly-formed granuloma. No viral cytopathic effect is identified. There is no evidence of dysplasia.

These findings are compatible with the patient's reported history of inflammatory bowel disease. However, other etiologies, including medication-effect (particularly NSAIDs) and an infection, should be excluded clinically. Clinical and endoscopic correlation is recommended.

Row	Metric	Scoring (report view)
Activity		
A	Lamina Propria Neutrophils	Mild (1)
B	Cryptitis/Crypt abscesses (Neutrophils in Epithelium)	<50% crypts (2)
C	Erosion/Ulcers	Ulcer/granulation tissue (3)
Chronicity		
D	Chronic Inflammatory Infiltrate	Marked (3)
E	Basal Lymphoplasmacytosis	Marked (3)
F	Architectural distortion and/or metaplasia	Moderate (2)
Additional Findings		
G	Granulomas	Absent
H	Viral cytopathic effect	Absent
I	Dysplasia	Negative
K	Robart's Activity Index	26/33

Sample Pathology Report #5:

A. COLON, ASCENDING, (BIOPSY)

- Colonic mucosa with mild architectural distortion

B. COLON, TRANSVERSE, (BIOPSY)

- Colonic mucosa with prominent benign lymphoid aggregate

C. COLON, DESCENDING, (BIOPSY)

- Colonic mucosa with Paneth cell metaplasia and mild architectural distortion

D. RECTUM, BIOPSY

- Colonic mucosa with Paneth cell metaplasia and scattered muciphages

Row	Metric	Scoring (report view)
Activity		
A	Lamina Propria Neutrophils	None (0)
B	Cryptitis/Crypt abscesses (Neutrophils in Epithelium)	None (0)
C	Erosion/Ulcers	None (0)
Chronicity		
D	Chronic Inflammatory Infiltrate	Mild (1)
E	Basal Lymphoplasmacytosis	Mild (1)
F	Architectural distortion and/or metaplasia	Mild (1)
Additional Findings		
G	Granulomas	Absent
H	Viral cytopathic effect	Absent
I	Dysplasia	Negative
K	Robart's Activity Index	1/33

Sample Pathology Report #6:

A. COLON, ASCENDING, (BIOPSY)

- Colonic mucosa with focal active colitis
- Negative for dysplasia

B. COLON, TRANSVERSE, (BIOPSY)

- Colonic mucosa with mild architectural distortion and prominent benign lymphoid aggregate
- Low-grade dysplasia

C. COLON, DESCENDING, (BIOPSY)

- Colonic mucosa with Paneth cell metaplasia
- Negative for dysplasia

D. RECTUM, BIOPSY

- Colonic mucosa with no significant histopathologic abnormality
- Negative for dysplasia

Row	Metric	Scoring (report view)
Activity		
A	Lamina Propria Neutrophils	Mild (1)
B	Cryptitis/Crypt abscesses (Neutrophils in Epithelium)	<5% crypts (1)
C	Erosion/Ulcers	None (0)
Chronicity		
D	Chronic Inflammatory Infiltrate	Mild (1)
E	Basal Lymphoplasmacytosis	Mild (1)
F	Architectural distortion and/or metaplasia	Mild (1)
Additional Findings		
G	Granulomas	Absent
H	Viral cytopathic effect	Absent
I	Dysplasia	Low-grade
K	Robart's Activity Index	6/33