

# Ki-67 Proliferation Assessment Report

## Patient Information

Analysis ID	03358d11
Analysis Timestamp	2025-12-03T12:05:39.713129
Patient Name	PT-BATCH Case 2
Patient ID	PT-BATCH-002
Age	N/A
Gender	-
Contact	
Exam Date	2025-12-03
Physician	Batch Analysis
Clinical Notes	Batch upload - File: 88.png

## Cell Detection Visualization

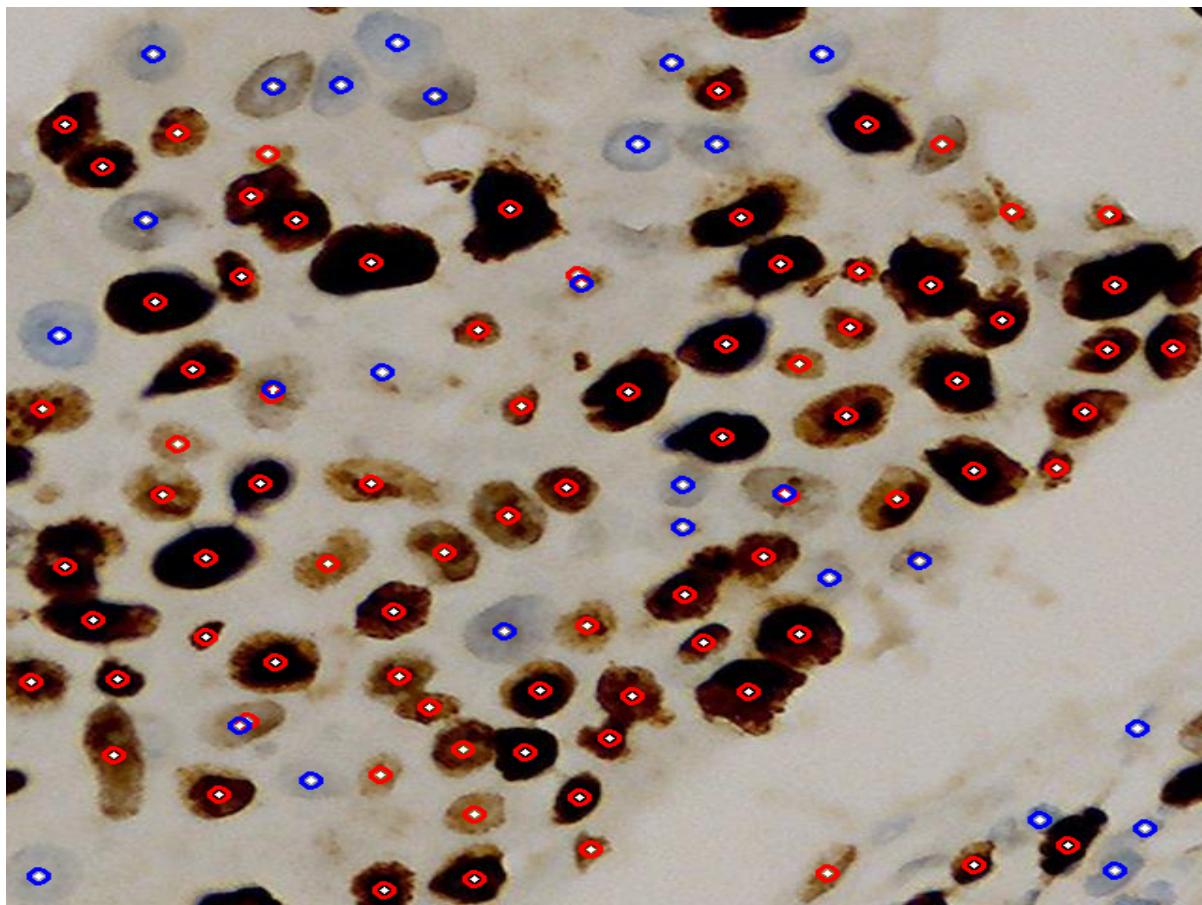


Figure: Cell detection visualization with Ki-67 positive cells (green) and Ki-67 negative cells (red)

## Analysis Results Summary

Metric	Value
Positive Cells (Ki-67+)	82
Negative Cells (Ki-67-)	27
Total Cells Detected	109
Ki-67 Proliferation Index	75.23%
Diagnosis Classification	Malignant
Risk Level	High Risk
Malignancy Status	Malignant

## Quality Control Summary

Flagged for Review	No
Reason	Manual baseline unavailable
Classification Match	No

## Clinical Interpretation

Ki-67 index  $\geq 30\%$  indicates high proliferative activity, consistent with malignant characteristics. Requires aggressive treatment protocols and close monitoring.

## Clinical Recommendation

Immediate oncological consultation recommended. Consider chemotherapy, targeted therapy, and surgical intervention. Regular follow-up essential.

## Detection Statistics

Cell Type	Count	Percentage
Ki-67 Positive Cells	82	75.2%
Ki-67 Negative Cells	27	24.8%

## Reference Information

### Ki-67 Proliferation Index Interpretation Guidelines:

- <5%: Very Low Proliferation (Benign)
- 5-10%: Low Proliferation (Low Malignant Potential)
- 10-20%: Moderate Proliferation (Borderline Malignant)
- >20%: High Proliferation (Malignant)

**Note:** This report is generated by an AI-assisted analysis system. Results should be reviewed by a qualified pathologist and correlated with clinical findings.

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Ki-67 Medical Diagnostic System | Confidential Medical Report