

Ki-67 Proliferation Assessment Report

Patient Information

Analysis ID	f50e5783
Analysis Timestamp	2025-12-01T20:58:34.877251
Patient Name	
Patient ID	
Age	
Gender	
Contact	
Exam Date	
Physician	
Clinical Notes	

Cell Detection Visualization

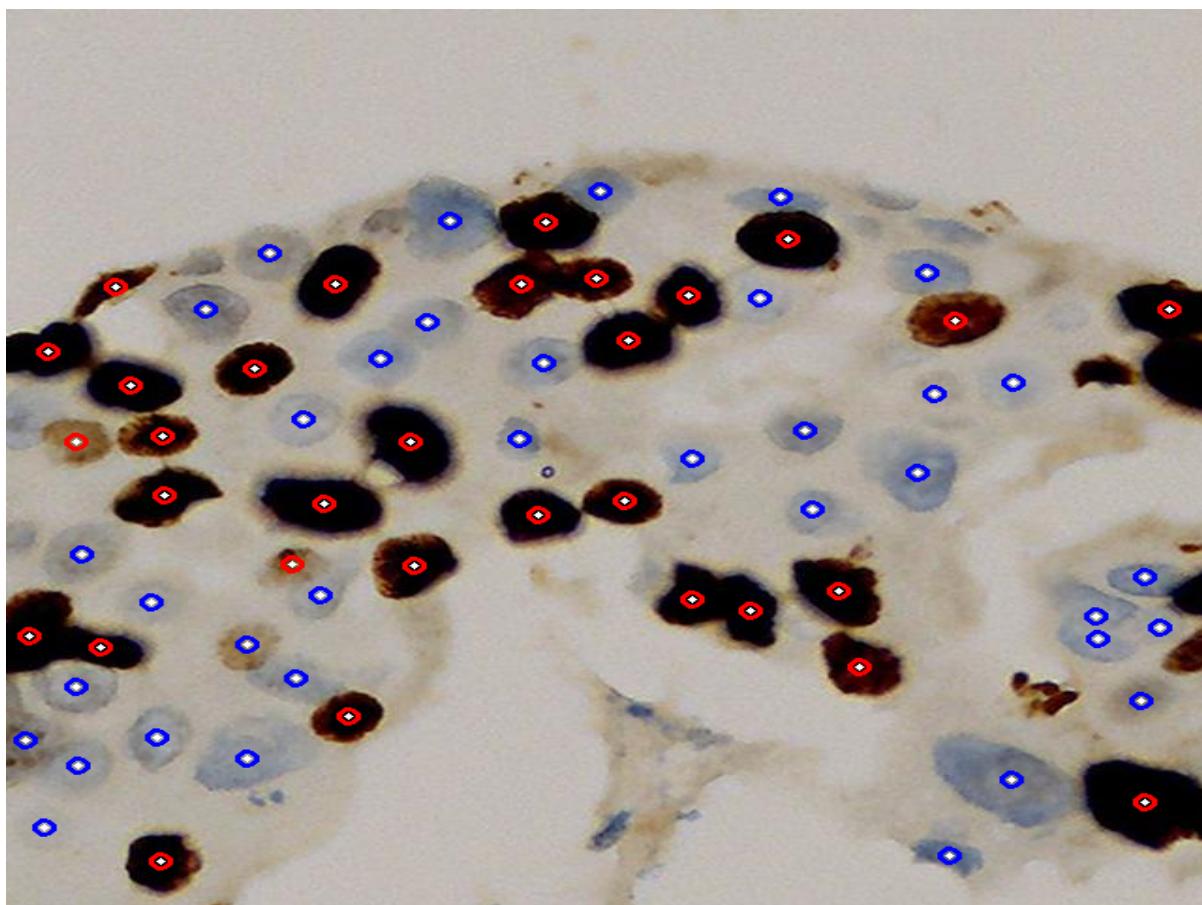


Figure: Cell detection visualization with Ki-67 positive cells (green) and Ki-67 negative cells (red)

Analysis Results Summary

Metric	Value
Positive Cells (Ki-67+)	31
Negative Cells (Ki-67-)	36
Total Cells Detected	67
Ki-67 Proliferation Index	46.27%
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	31	46.3%
Ki-67 Negative Cells	36	53.7%

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.

Report Generated: 2025-12-01T20:58:34.877251 | Analysis ID: f50e5783

Ki-67 Medical Diagnostic System | Confidential Medical Report