

Ki-67 Proliferation Assessment Report

Patient Information

Analysis ID	f63b43f4
Analysis Timestamp	2025-12-02T23:24:57.632609
Patient Name	
Patient ID	
Age	
Gender	
Contact	
Exam Date	
Physician	
Clinical Notes	

Cell Detection Visualization

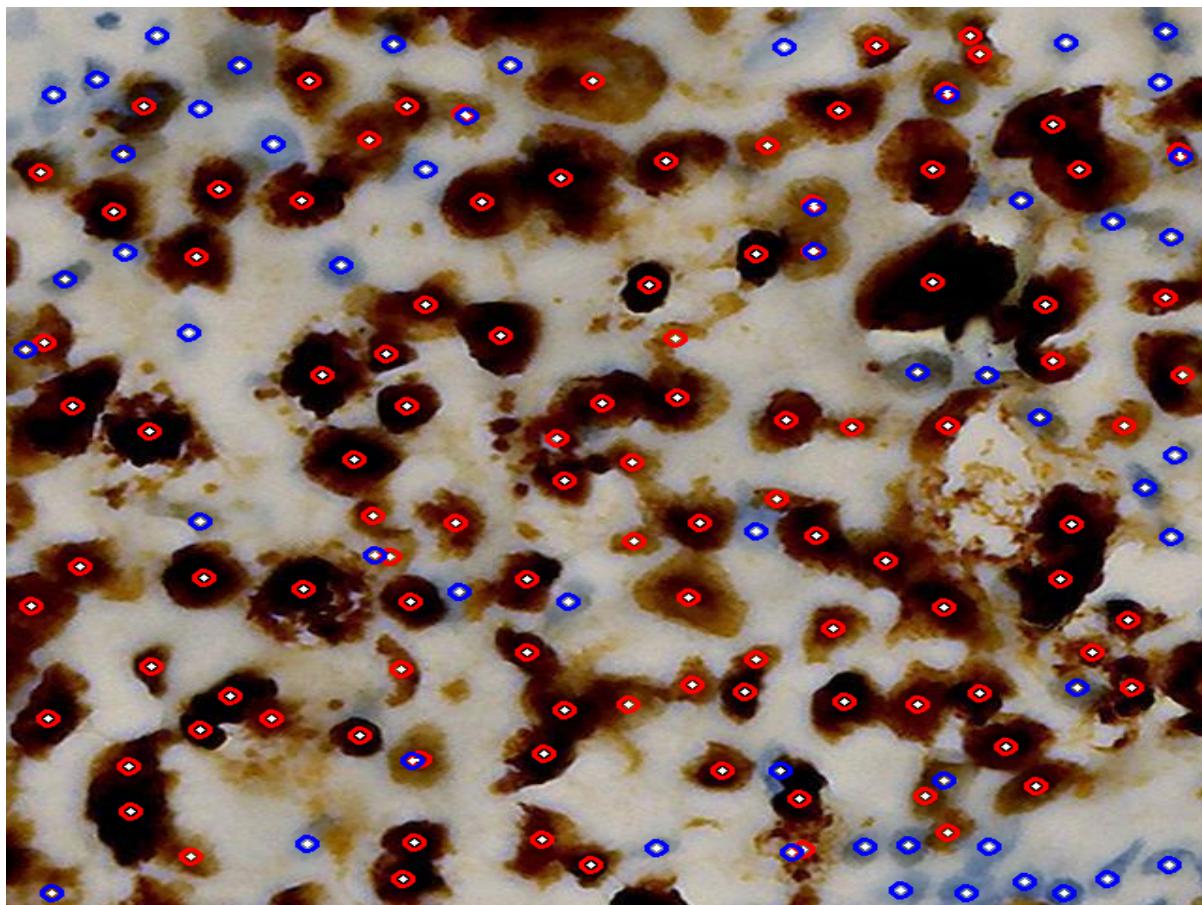


Figure: Cell detection visualization with Ki-67 positive cells (green) and Ki-67 negative cells (red)

Analysis Results Summary

Metric	Value
Positive Cells (Ki-67+)	106
Negative Cells (Ki-67-)	55
Total Cells Detected	161
Ki-67 Proliferation Index	65.84%
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	106	65.8%
Ki-67 Negative Cells	55	34.2%

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