

## Cytology-AI Lab

# AI-Assisted Cervical Cancer Cytology Analysis Report

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Risk Status: HIGH\_RISK Cellularity: ADEQUATE  
Finding: High burden of abnormal cells (39.6%).

## Quantitative Cell Analysis

Cell Classification	Count	Clinical Group
Parabasal	15	BENIGN
Superficial_Intermediate	24	BENIGN
Koilocytotic	115	ABNORMAL
Metaplastic	31	BENIGN
Dyskeratotic	2	ABNORMAL

## Top Clinical Evidence (Abnormal Candidates)

The following cells were flagged with high confidence as abnormal (Koilocytes/Dyskeratotic).

Cell ID	Class	Confidence	Coordinates (BBox)
46	Koilocytotic	98.73%	[166, 1315, 321, 1442]
20	Koilocytotic	98.58%	[912, 594, 998, 641]
37	Koilocytotic	98.14%	[1104, 1098, 1260, 1219]
32	Koilocytotic	97.25%	[1077, 766, 1259, 990]
9	Koilocytotic	97.24%	[139, 375, 369, 597]
22	Koilocytotic	96.20%	[1147, 830, 1348, 981]
37	Koilocytotic	96.09%	[335, 913, 426, 1015]
24	Koilocytotic	95.89%	[1216, 657, 1445, 894]

**DISCLAIMER:** This is an AI-generated screening report. All high-risk flags must be reviewed by a certified cytotechnologist or pathologist.