

# DEPARTMENT OF HEMATOPATHOLOGY

University of Minnesota Masonic Cancer Center  
420 Delaware Street SE | Minneapolis, MN 55455

## BONE MARROW ASPIRATE AND BIOPSY REPORT

Patient:	Diana Kowalczyk
DOB:	1970-03-17
MRN:	DIANA_K
Accession:	26862-273432
Procedure Date:	2026-01-18
Ordering Physician:	Dr. Gregory Hanson
Procedure:	Bone Marrow Aspirate and Biopsy

### SPECIMEN

Posterior superior iliac crest, bilateral. Aspirate and trephine core biopsy obtained. Adequate specimen for evaluation.

### MICROSCOPIC FINDINGS

45% plasma cell involvement. Kappa-restricted. Cytogenetics: standard risk — no del(17p), t(4;14), or t(14;16). BCMA expression confirmed by flow cytometry (88% of plasma cells BCMA+).

### IMMUNOPHENOTYPING / FLOW CYTOMETRY

BCMA (B-cell maturation antigen) expression: **88% positive** of plasma cells by flow cytometry. CD138+/CD38+/CD56+/- immunophenotype consistent with neoplastic plasma cells.

### IMPRESSION

**45% plasma cell involvement. Kappa-restricted. Cytogenetics: standard risk — no del(17p), t(4;14), or t(14;16). BCMA expression confirmed by flow cytometry (88% of plasma cells BCMA+).**

Electronically signed by: Hematopathologist, MD | University of Minnesota Masonic Cancer Center  
Report finalized: 01/18/2026 | Accession: 26862-273432