## CLINICAL HISTORY:
Thrombocytopenia

## FINAL DIAGNOSIS:
No Evidence of a Clonal Process by Flow Cytometry or Cytogenetics.

## COMPREHENSIVE ASSESSMENT:
The submitted CBC indices reveal an isolated thrombocytopenia. A cytopsin prepared from the submitted tube is mildly hemodiluted but representative of bone marrow. Neither the flow cytometric study nor the cytogenetic analysis revealed a clonal or aberrant population. Possible etiologies for the thrombocytopenia include effects of drugs, increased peripheral destruction of platelets (e.g. ITP: autoimmune destruction, hypersplenism) or marrow production defects (e.g. myelosupression, evolving aplastic anemia, or a myelodysplastic syndrome). Recommend correlation with morphologic findings and with other clinical and laboratory findings to further evaluate this abnormality.

## CYTOGENETICS:
Female with no evidence of a clonal chromosome abnormality

## FLOW CYTOMETRY:
**BONE MARROW ASPIRATE:** Normal Flow Study.

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![Cytospin](image1)

![Normal Flow Differential](image2)

![Normal Female Karyotype (46,XX)](image3)