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About Leukocyte Alkaline Phosphatase

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I have read with interest the communication of 2 Grozdea et al. [1] on 'Neutrophil alkaline phosphatase in AIDS' in the recent issue of the Journal. I

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could not be sure whether this patient's neutrophil alkaline phosphatase (NAP) activity was studied in the 4 postpartum period. It would be important to know whether the patient had normal NAP activity which would be raised during pregnancy or abnormal behavior of the enzyme, related to a mutant type which was neither related to pregnancy nor to HIV infection. When I was studying NAP in patients with rickets [2] and iron deficiency anemia [3] I noticed that leukocytosis and leukopenia may influence its level as recorded previously [4]. Therefore, this factor should also be taken into consideration when NAP activity is evaluated.

References

1 Grozdea, J.; Brisson-Louggare, A.; Vergnes, H.; Blum, C; Alie-Daram, S.; Martin, J.; Bierme, R.: Neutrophil alkaline phosphatase in AIDS. Acta haemat. 80: 229 (1988).