

Platelet factor 4

Solomons

DR.H.D. Solomons, P.O. Box 64203, Highlands North, 2037, South Africa.

***Corresponding Author:** Solomons, P.O. Box 64203, Highlands North, 2037, South Africa.

Received Date: August 25, 2024; **Accepted Date:** September 02, 2024; **Published Date:** September 09, 2024

Citation: Solomons, (2024), Platelet factor 4, *Clinical Medical Reviews and Reports*, 6(6); DOI:10.31579/2690-8794/226

Copyright: © 2024, Solomons. This is an open access article distributed under the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.

Summary

Platelet factor is a cytokine It is also known as chemokine ligand 4. It is released from alpha granules and promotes coagulation.

Platelet factor 4 is chemotactic for neutrophils, platelets and monocytes.

It is a 70 amino acid structure and is released from the alpha granules.

It has a high affinity to heparin and neutralises heparin-like molecules.

It inhibits protein C activity.

There are also cases of antibodies being formed against platelet factor 4 .

It is usually found in a complex with proteoglycan.

It is a strong chemo-attractant for neutrophils and fibroblasts.

It has been found to be the antigen in heparin-induced thrombocytopenia

The gene for platelet factor 4 is located on chromosome 4.

PF 4 inhibits antithrombin III and promotes coagulation !



This work is licensed under Creative Commons Attribution 4.0 License

To Submit Your Article Click Here:

Submit Manuscript

DOI:10.31579/2690-8794/226

Ready to submit your research? Choose Auctores and benefit from:

- fast, convenient online submission
- rigorous peer review by experienced research in your field
- rapid publication on acceptance
- authors retain copyrights
- unique DOI for all articles
- immediate, unrestricted online access

At Auctores, research is always in progress.

Learn more <https://auctoresonline.org/journals/clinical-medical-reviews-and-reports>