



Mar 24,
2020

CD200 and CD200R levels in psoriasis patients



PLOS One

Carmen Farid^{1, 2, 3, 4}, Aisha A. Mahmoud^{1, 2, 3, 4}, Hanaa M. Donia^{5, 2, 3, 6, 4}, Hafsa M. Ghatesh^{7, 2, 3, 6, 4}

¹Department of Dermatology, Venereology and Andrology, ²Faculty of Medicine, ³Alexandria University, ⁴Egypt., ⁵Department of Clinical and Chemical pathology, ⁶Alexandria, ⁷Department of Dermatology, Venereology and Andrology

1 Works for me dx.doi.org/10.17504/protocols.io.6zihf4e

Carmen Farid

ABSTRACT

Serum soluble CD200 levels in psoriasis patients was measured by ELISA (Human CD200 PicoKine™ ELISA Kit, Boster Biological Technology, Pleasanton CA, USA, Catalog # EK0993), and CD200R expression level on both peripheral blood monocytes and lymphocytes were measured by flowcytometry using human CD200 R1 conjugated antibody (Human CD200 R1 Fluorescein-conjugated Antibody, Bio-Techne, Minneapolis, Minnesota, USA, Catalog # FAB3414F). Cells were analyzed on a FACSCalibur flow cytometer using CellQuest pro software (BD Biosciences, San Diego, CA, USA). Membrane fluorescence intensity was estimated and expressed as mean fluorescence intensity (MFI).

EXTERNAL LINK

<https://doi.org/10.1371/journal.pone.0230621>

THIS PROTOCOL ACCOMPANIES THE FOLLOWING PUBLICATION

Ismail AA, Donia HM, Ghatesh HM, Farid CI (2020) CD200/CD200 receptor axis in psoriasis vulgaris. PLoS ONE 15(3): e0230621. doi: [10.1371/journal.pone.0230621](https://doi.org/10.1371/journal.pone.0230621)

ATTACHMENTS

[Laboratory protocol.docx](#)



This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](https://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited