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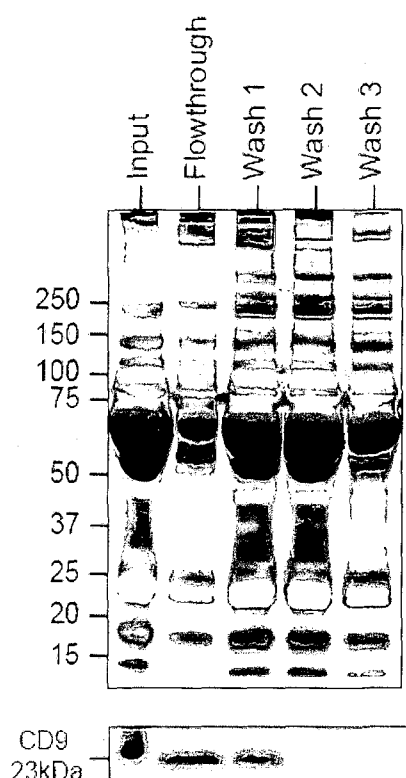
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(54) Title: GM1 GANGLIOSIDE TO ANNEXIN V MICROPARTICLE POLYPEPTIDE RATIO FOR BIOLOGICAL MONITORING



(57) Abstract: We describe a method of monitoring the state of a cell, tissue, organ or organism. The method comprises establishing, for a sample of microparticles from the cell, tissue, organ or organism, a ratio. The ratio is of a selected polypeptide in microparticles which comprise GM1 gangliosides, preferably which bind to Cholera Toxin B (CTB) ("GM1 ganglioside microparticle polypeptide") to the selected polypeptide in microparticles which comprise exposed phosphatidylserine, preferably which bind to Annexin V ("Annexin V microparticle polypeptide"). The GM1 ganglioside microparticle polypeptide to Annexin V microparticle polypeptide ratio so established may be indicative of the state of the cell, tissue, organ or organism.



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