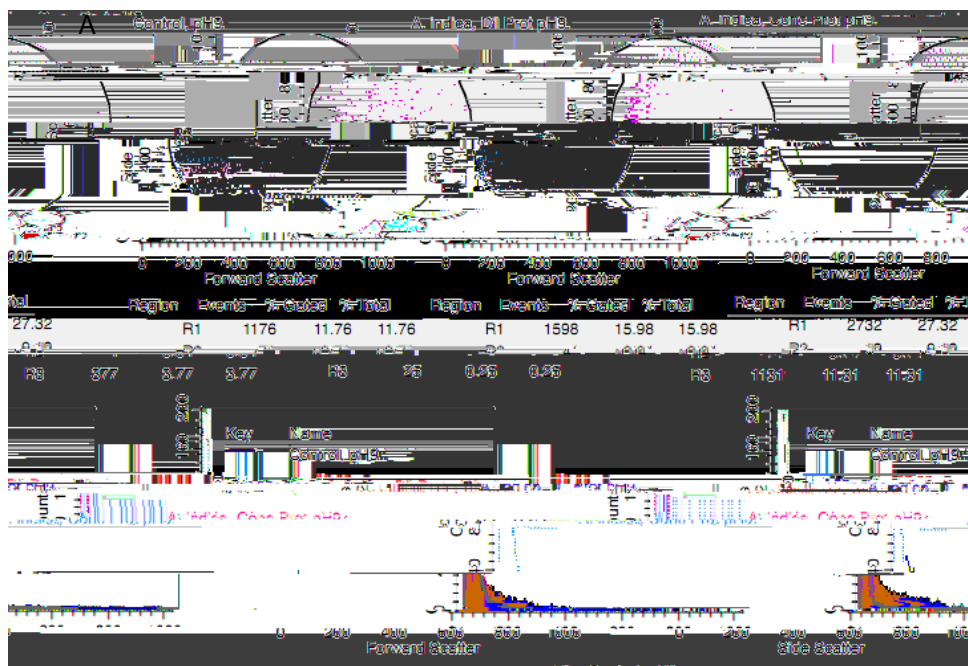

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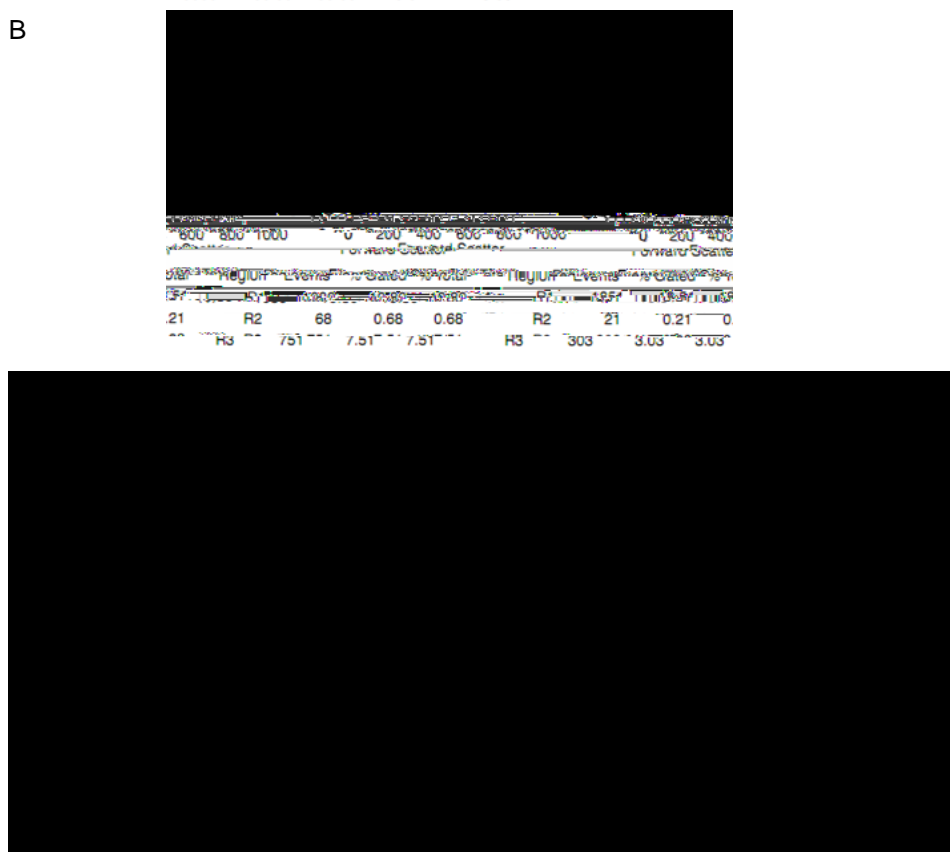
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... (Gupta) ...
...
... (Chaphalkar) ...



Events	% Gated	% Total	Mean	Geo Mean	Events	% Gated	% Total	Mean	Geo Mean	Events	% Gated	% Total	Mean	Geo Mean
10000	100.00	100.00	45.77	39.13	10000	100.00	100.00	48.27	9.73	10000	100.00	100.00	49.07	43.83
10000	100.00	100.00	49.07	43.83	10000	100.00	100.00	12.08	5.62					

B



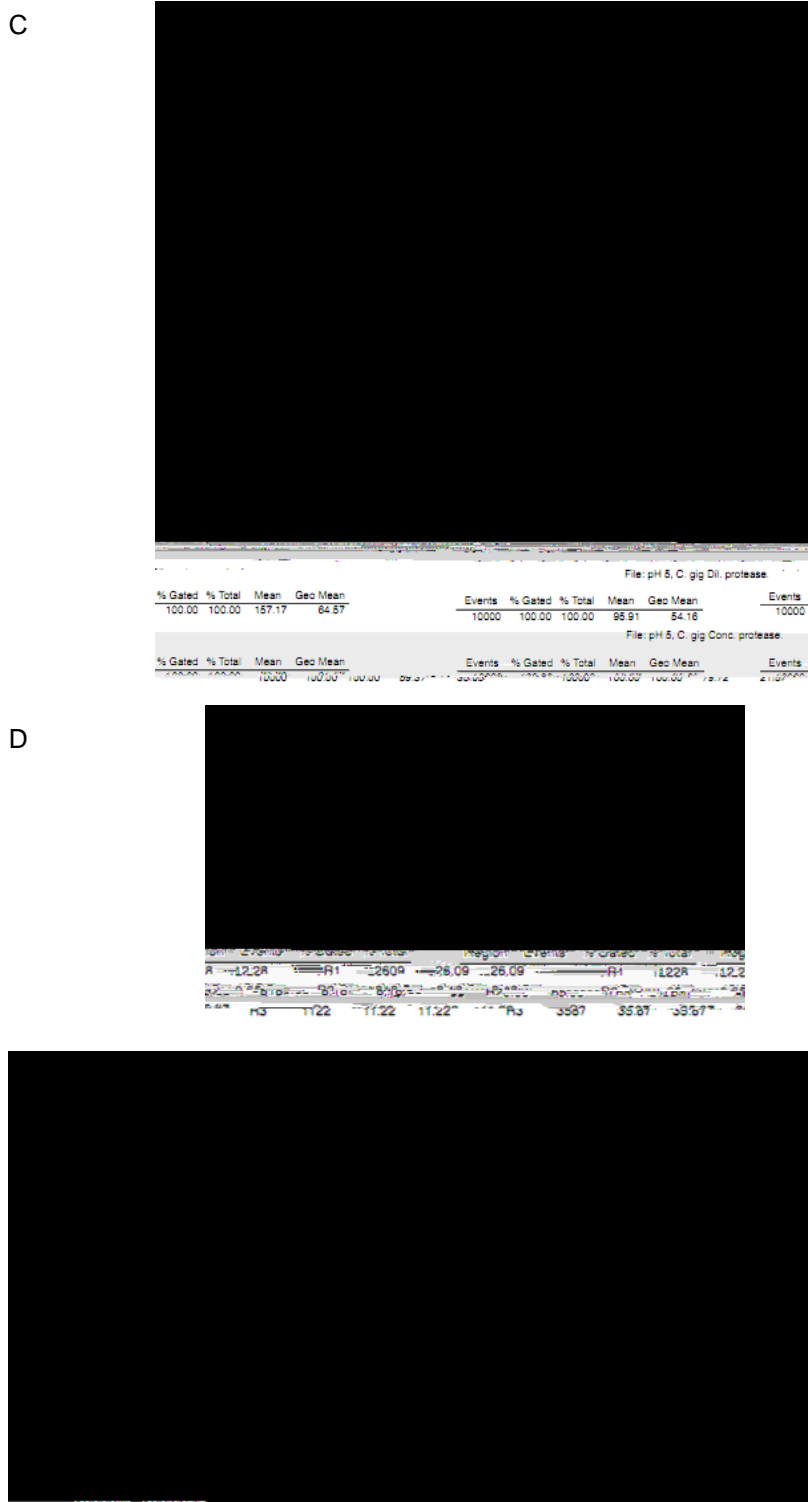


Figure 2: Effect of acid and basic protease extracted from the leaves of Azadirachta indica (A) Terminalia arjuna (B) Calotropis gigantea (C) Mimusops elengi (D) on lymphocytes, monocytes and granulocytes count in infected human whole blood. Lysed human whole blood were cultured with protease of particular pH value and then observed its blood count using flow cytometer (FACS Calibur).

a) First graph represents blood counts i.e. R1- Lymphocytes; R2- Monocytes and R3- Granulocytes.

b) Second graph represents total blood counts.

FSC- represents Forward scatter and SSC- Side scatter

Events- 10,000; Software- Cell Quest; Flow Cytometer- FACS Calibur; Company- BD India

