

	<b>Number/ platelet</b>	<b>Diameter</b>	<b>Surface area/ platelet</b>	<b>Common marker</b>	<b>General function</b>
<b><math>\alpha</math> - granules</b>	50-80	200-500	14	VWF CXCL4 P- SELECTIN	Homeostasis/thrombosis Inflammation Angiogenesis Host defense Mitogenesis
<b>Dense granules</b>	3-8	150	<1	CD63 serotonin	Homeostasis /thrombosis Inflammation
<b>lysosomes</b>	<3	200-250	<1	Acid phosphatase	Endosomal digestion

**Table1:** The general features of platelet granule types