

Table 2. Phospholipase A<sub>2</sub> enzymes with direct action of platelets.

<b><u>Protein</u></b>	<b><u>Physical Properties</u></b>	<b><u>Mode of action</u></b>	<b><u>References</u></b>
<i>Agkistrodon acutus</i> Acidic PLA <sub>2</sub>	16,400 Da, pI 4.9	Arachidonic acid release from platelet membrane phospholipids and the thromboxane A <sub>2</sub> formation	19
<i>Agkistrodon contortrix contortrix</i> PLA <sub>2</sub>	14,000 Da, single chain polypeptide	Independent of arachidonic acid	13
<i>Apis mellifera</i> PLA <sub>2</sub>	Glycoprotein, 134 aa, single chain	Arachidonic acid release and thromboxane A <sub>2</sub> formation	15
<i>Crotalus durissus terrificus</i> Crotoxin	Two chain; acidic nonenzymatic subunit and basic PLA <sub>2</sub>	Independent of the formation of arachidonic acid metabolites	87
<i>Crotalus t. terrificus</i> PLA <sub>2</sub>	-----	Arachidonic acid release from platelet membrane phospholipids and the thromboxane A <sub>2</sub> and prostaglandin formation	14
<i>Naja naja atra</i> PLA <sub>2</sub>	Single chain, 119 aa	Arachidonic acid release from platelet membrane phospholipids and the thromboxane A <sub>2</sub> and prostaglandin formation	15, 16
<i>Naja mossambica mossambica</i> PLA <sub>2</sub>	Single chain, 118 aa	Arachidonic acid release and thromboxane A <sub>2</sub> formation	20
<i>Vipera russelli</i> PLA <sub>2</sub>	Single chain	Arachidonate liberation from platelet membrane	17, 18
<i>Trimeresurus mucrosquamatus</i> PLA <sub>2</sub>	Single chain	Arachidonic acid release and thromboxane A <sub>2</sub> formation	15