

Apt test

The **Apt test** is a medical test used to differentiate fetal or neonatal blood from maternal blood.

The blood is mixed with a small amount of tap water to cause hemolysis. The sample is next centrifuged for several minutes. The pink hemoglobin-containing supernatant is then mixed with 1 mL of 1% NaOH for each 5 mL of supernatant. The color of the fluid is assessed after 2 minutes. Fetal hemoglobin will stay pink and adult hemoglobin will turn yellow-brown.