

tissues in the dog show a chloride percentage of from .10 to .15% for the subcutaneous adipose tissue and of from .80 to .90% for the skin.

While the chloride content of the liver is low, yet the size of the liver (18-30 gm. dry weight) emphasizes its importance as a reservoir for chloride. The chloride content of voluntary muscles is also low as compared to some of the other tissues. Owing to their great bulk, however, they must be regarded as an important chloride reservoir. When chloride is dialyzed away from the blood stream in rabbits, it is restored in part from some body source. The tissues which appear to be the more important as such a source are the skin, voluntary muscles and liver.

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Variations in the Blood of Rabbits With Age (Birth to Maturity).*

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The total blood volume, red cell count, volume ratio of corpuscles to plasma, reticulocyte count, hemoglobin and size of the red cells of rabbit from 6 hours after birth to 8 months of age have been studied. At birth the R.B.C. are 4 to 5 million per cu. mm.; the Hb is 13 to 16 gm., the volume ratio of corpuscles to plasma and the total blood volume are higher than at maturity. The size of the R.B.C. is 1/3 to 1/2 times larger than the adult R.B.C. The reticulocytes are 25% to 30% of the R.B.C. at birth and 1% to 3% at maturity

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