INDEXES OF METABOLISM PROTEIN IN BLOOD OF PIGLETS
FOR ACTIONS OF PREPARATION «VITARMIN» IN CONDITIONS
OF WEANING

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Very important index that characterizes the functional state of organs and
tissues in the organism of animals is the composition of protein of blood and level in
blood products of his metabolism.

It is known that various stress factors influence on the intensity of processes of
metabolism and cause the decline of natural mechanisms of defence in the organism
of animals. Weaning piglets from sow is one of the most important stress factors that
violates a homeostasis in the organism of piglets and causes the decline of their
productivity.

In the article shows the dynamics of changes in blood protein profile of piglets
at weaning from sows, and for the actions of new complex preparation «Vitarmin». It
is shown that the weaning piglets from sows causes changes of separate indexes of
metabolism protein, as evidenced by significant increase of activity of transaminases
and level of seromucoids in blood of piglets control group at 1st and 5th day after
weaning.

Parenteral introduction to piglets the 2 days before weaning of preparation
«Vitarmin» causes a tendency to the increase content of total protein and him γ-
globulin fraction in the serum of blood after weaning.

Application piglets experimental group liposomal preparation assisted an
effective decline in the serum of their blood of markers endogenous intoxication —
the content of middle mass molecules and level of seromucoids on 5th
day after weaning, that positively influence on the adaptation processes in their
organism.

Keywords: PIGLETS, BLOOD, PROTEIN, MIDDLE MASS MOLECULES,
TRANSAMINASES, SEROMUCOIDS, WEANING, PREPARATION
«VITARMIN».