

## **Advice 17-2011 of the Scientific Committee of the FASFC on the presence of prednisolone in urine of pigs**

Prednisolone is a synthetic glucocorticoid with anti-inflammatory and immuno-modulatory properties. The use of prednisolone is not allowed in pigs. However, several cases of detection of residues of prednisolone in low concentrations in urine of pigs are observed this year in the framework of the control plan of FASFC. Two questions are addressed to the Scientific Committee in relation with these detections.

The Scientific Committee notes that there is no information in the scientific literature on the possible presence of residues of prednisolone in pigs.

While waiting to be able to decide on an action limit, the Scientific Committee recommends that the FASFC continues its investigations on the presence of residues of prednisolone in pigs in order to collect more information on the issue.

The Scientific Committee recommends to carry out experimental scientific research in pigs in order to study the effect of stress on the possible endogenous formation of prednisolone and its elimination in urine as well as the possibility of formation of prednisolone in the urine of pigs under the effect of microbial enzymes.

The Scientific Committee recommends also to study the stability of prednisolone in urine samples in different storage conditions.

The full text is available on this website in dutch and in french, respectively under the section "Wetenschappelijk Comité/Adviezen" and "Comité scientifique/Avis".