

**AR4(a) (clean)**

1. An immunogenic composition or a combination vaccine or a combination for use as a vaccine comprising

a) at least one porcine parvovirus (PPV) antigen, wherein the at least one PPV antigen is one or more PPV subunit(s) and the at least one PPV subunit(s) is PPV viral protein 2 (VP2), wherein the PPV VP2 consists of an amino acid sequence having at least 99%, preferably 100% sequence identity with the amino acid sequence of SEQ ID NO:2, wherein preferably the PPV VP2 is the only PPV antigen, and

b) at least one porcine reproductive and respiratory syndrome (PRRS) virus antigen, wherein the at least one PRRS virus antigen is a live attenuated/modified live PRRS virus selected from the group consisting of: live attenuated/modified live PRRS virus type 1 genotype, live attenuated/modified live PRRS virus type 2 genotype, live attenuated/modified live PRRS virus strain 94881 and PRRS virus strain ATCC deposit VR-2332,

wherein the immunogenic composition or combination vaccine or combination further comprises a carbomer.

2. The immunogenic composition or combination vaccine or combination for use according to claim 1, wherein the immunogenic composition or combination vaccine or combination is formulated for a single-dose administration or a two-dose administration.

3. The immunogenic composition or combination vaccine or combination for use according to any one of claims 1 to 2, wherein the immunogenic composition or combination vaccine or combination comprises 0.1 µg to 50 µg of the PPV VP2 antigen, preferably 0.5 µg to 10 µg of the PPV VP2 antigen, more preferably 1.0 µg to 10 µg of the PPV VP2 antigen and/or 3.9 to 7.0 log<sub>10</sub>TCID<sub>50</sub> of the live attenuated/modified live PRRS virus.

4. The immunogenic composition or combination vaccine or combination for use according to any one of claims 1 to 3, wherein the at least one porcine parvovirus (PPV) antigen and the at least one porcine reproductive and respiratory syndrome (PRRS) virus antigen are contained together in one single container or are spatially separated from each other, preferably are contained in two or more separate containers.