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(54) Title: ASSAY TO INDICATE THE PRESENCE OF NON–FERTILISABLE OVA

(57) Abstract

The present invention relates to an assay for at least one predictive marker in a sample from a mammal wherein a specific reaction for the at least one predictive marker indicates when non–fertilisable ova capable of *in vitro* maturation (IVM) and subsequent *in vitro* fertilisation (IVF) are present in the mammal. This is particularly useful in the determination of when non–fertilisable ova, if aspirated, after *in vitro* maturation to MF–II will be capable of fertilisation and pregnancy after implantation into the female mammal. The assay is based on a sample selected from the group consisting of body secrete, sputum, blood, urine, uterus secretes and cells.