



## PRODUCING THE NEXT GENERATION WITH RELIABLE & PREDICTABLE IVF

Vytelle's hormone-free *in vitro* fertilization (IVF) process is the most accessible way to multiply offspring from your elite genetics. **No donor set up, no added labor.** Our system is easy on the animals and simple for you. With 95% of all embryos produced being a grade 1, our process supports a consistent and reliable pregnancy rate. From oocyte collection to top quality embryos out of the lab, Vytelle guides producers to reproductive success throughout the entire process. **All you need to do is bring the donor.**

## THE POWER OF IVF

- Produce more genetically superior calves per year
- Maximize use of expensive semen
- Create variety of matings
- Aspirate pregnant donors or young heifers
- Frozen embryos for later use or for export

## OUTCOME-BASED PRICING

Our outcome-based pricing structure ensures you only pay for quality embryos. There are no hidden fees or upfront costs; simply one price per grade 1 embryo produced. Visit our website at [vytelle.com](http://vytelle.com) to find an OPU location near you.



Our hormone-free IVF process lets ovarian tissue regenerate quickly and follicular growth resume immediately, allowing the IVF process to restart every 2 weeks.

## STEP 1 Ovum Pick-Up (OPU)

Trained Vytelle technicians collect all available follicles off the donor's ovaries.

OPU takes around 15 minutes per donor and can be done on open or pregnant heifers or cows up to 100 days in gestation.

## STEP 2 Oocyte Preparation

The oocytes are cleaned and graded, then placed in maturation media.

## STEP 3 Lab Delivery

The oocytes are transported in an incubator and hand delivered to a Vytelle lab.



## STEP 5 Embryo Development

The embryos move through our proprietary culture process for 8 additional days.



## STEP 4 Fertilization

24-26 hours post-OPU, our lab team fertilizes the oocytes with the sire(s) of your choice.



All semen types can be used: conventional, presorted and reverse sorted semen.

## STEP 6 Predictions & Freezing

We provide predictions on day 6 if fresh transfers have been arranged. Embryo freezing spans from days 6-8.



Embryos are frozen at a stage 6 or 7 only, allowing them to match well with 7 to 8 day heats for implant.

## STEP 7 Embryo Delivery

Fresh or frozen embryos are packaged and returned to your farm for implantation.

To ensure dependable, on time delivery, we do not use commercial carriers for fresh embryos. They will be delivered by a Vytelle employee or a trusted courier.