



Catalogue 2019



EmbryoCloud

Bringing the nature into your dish



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Bringing the nature into your dish

Introducing EmbryoCloud®

After years of research in the field of *in vitro* fertilization we are convinced that to achieve healthy embryos, in all their senses, we should approach physiological conditions. **EmbryoCloud®** was born under this idea, offering products to improve embryo quality from a multi-pronged perspective such as the preparation of semen samples, treatment of oocytes prior to fertilization or embryo culture.

NaturARTs®, our first line of products, provides more physiological culture media for sperm preparation as well as fluids from the genital tract to supplement the conventional culture media. We cover different mammalian species and very soon a human line of products will be launched.

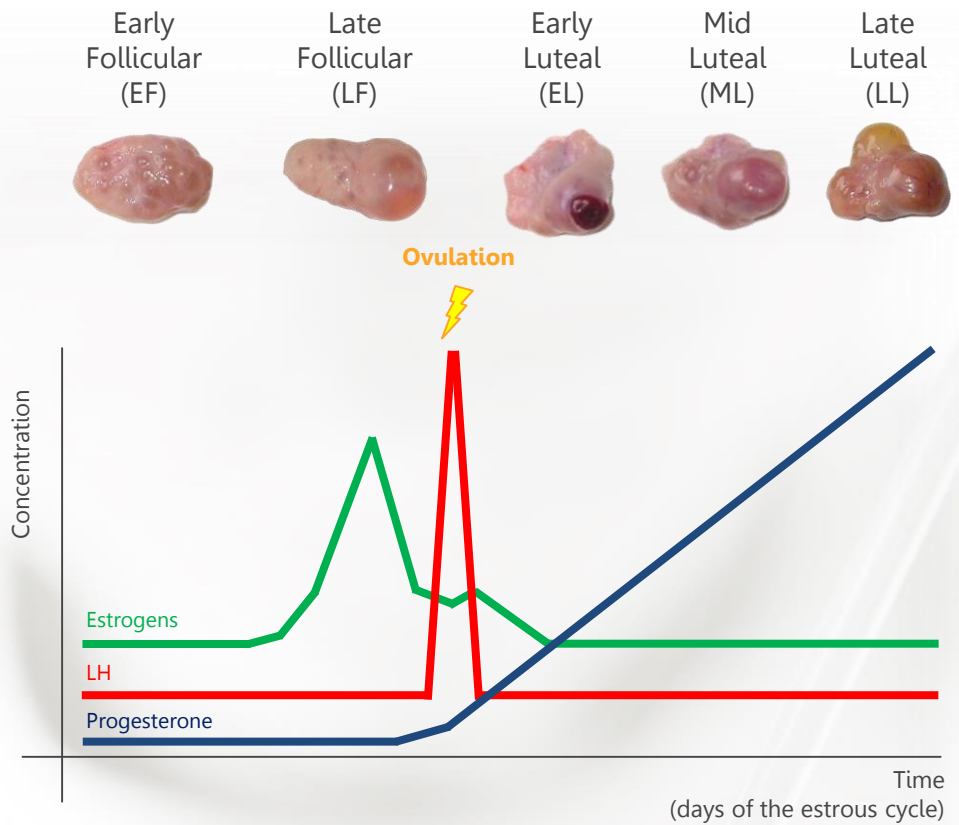
Our products are obtained from healthy animals with all the sanitary certificates and classified according to the phase of the estrous cycle when they were collected. The fluids have been processed and stored in our technical plant (register No. S-30030155) under strict biosafety conditions.

Our primary goal is to produce highest quality embryos through **bioinspired** culture media. Doing so, we all win.

The EmbryoCloud Team



Reproductive fluids from healthy animals classified according to the phase of the estrous cycle



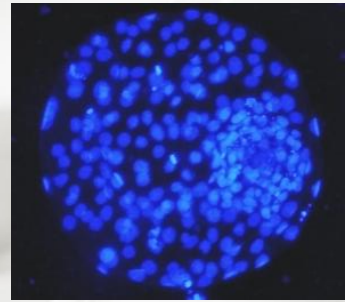
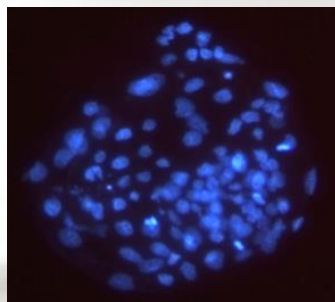
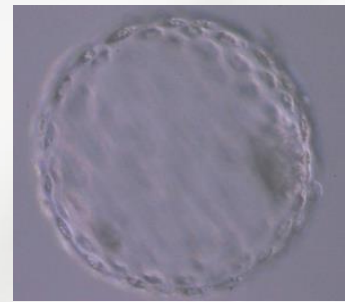
The natural reproductive fluids selected at the precise stage of *in vivo* embryo development are the best supplement for your culture media

Moving towards healthier offspring produced with a more natural media

Standard
supplementation
with albumin



EmbryoCloud
Supplementation
with reproductive
fluids



In vitro-derived porcine blastocysts at day 7 of embryo culture

Increase the quality of your embryos^{1,2,3}

¹ Canovas, S., Ivanova, E., Romar, R., García-Martínez, S., Soriano-Úbeda, C., García-Vázquez, F. A., Saadeh, H., Andrews, S., Kelsey, G. & Coy, P. (2017). DNA methylation and gene expression changes derived from assisted reproductive technologies can be decreased by reproductive fluids. *Elife*, 6, e23670.

² Lopera-Vásquez, R., Hamdi, M., Maillo, V., Lloreda, V., Coy, P., Gutiérrez-Adán, A., Bermejo-Álvarez, P. & Rizos, D. (2017). Effect of bovine oviductal fluid on development and quality of bovine embryos produced in vitro. *Reproduction, Fertility and Development*, 29(3), 621-629.

³ Lopes, J.S., Canha-Gouveia, A., París-Oller, E., Coy, P. (2019). Supplementation of bovine follicular fluid during in vitro maturation increases oocyte cumulus expansion, blastocyst developmental kinetics, and blastocyst cell number. *Theriogenology* 1 (126), 222-229.



Release Specifications

Batches are subjected to strict quality controls

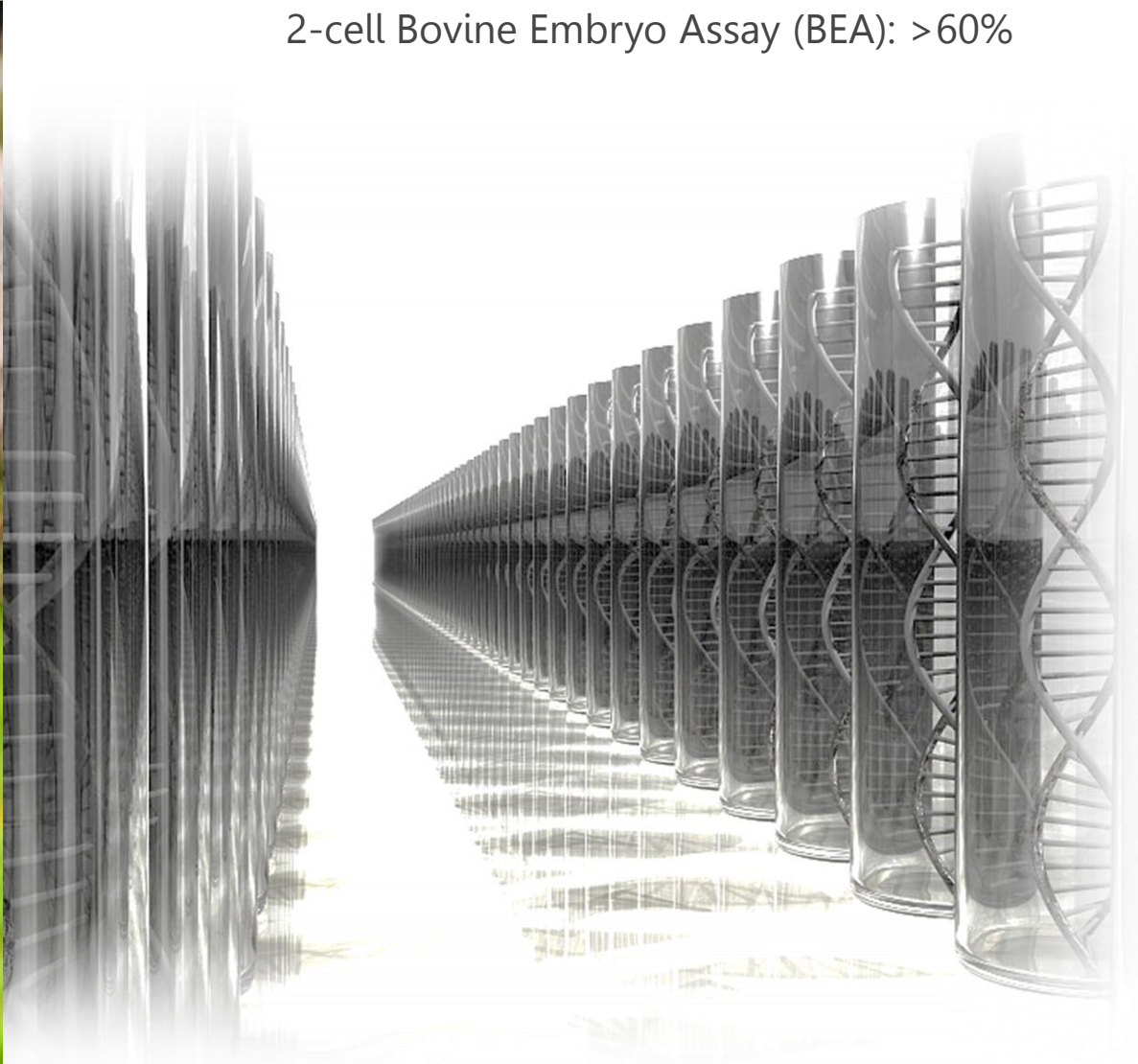
pH (in air): 7.0-7.5

Osmolarity: 260-320 mOsm/kg

Endotoxins: <0.15 EU/mL

Sterile

2-cell Bovine Embryo Assay (BEA): >60%





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Follicular Fluid

To supplement oocyte maturation media

Species	Product code	Description
Bovine	BFF	From 4-7mm ovarian follicles, filtered and frozen liquid
Porcine	PFF	From 3-6mm ovarian follicles, filtered and frozen liquid
Caprine	CFF	Product upon request
Ovine	OFF	Product upon request



Oviductal Fluid

To treat oocytes before being inseminated. To supplement sperm preparation media, fertilization and embryo culture media

Species	Phase of the estrous cycle	Product code	Form
Bovine	Early follicular	BOF-EF	Frozen liquid
	Late follicular	BOF-LF	
	Early luteal	BOF-EL	
	Mid luteal	BOF-ML	
	Late luteal	BOF-LL	
Porcine	Early follicular	POF-EF	Frozen liquid
	Late follicular	POF-LF	
	Early luteal	POF-EL	
	Mid luteal	POF-ML	
	Late luteal	POF-LL	
Caprine	Early follicular	COF-EF	Frozen liquid
	Late follicular	COF-LF	
	Early luteal	COF-EL	
	Mid luteal	COF-ML	
	Late luteal	COF-LL	
Ovine	Early follicular	OOF-EF	Frozen liquid
	Late follicular	OOF-LF	
	Early luteal	OOF-EL	
	Mid luteal	OOF-ML	
	Late luteal	OOF-LL	



Uterine Fluid

To supplement embryo culture media

Species	Phase of the estrous cycle	Product code	Form
Bovine	Early follicular	BUF-EF	Frozen liquid
	Late follicular	BUF-LF	
	Early luteal	BUF-EL	
	Late luteal	BUF-LL	
Porcine	Early follicular	PUF-EF	Frozen liquid
	Late follicular	PUF-LF	
	Early luteal	PUF-EL	
	Late luteal	PUF-LL	
Caprine	Early follicular	CUF-EF	Frozen liquid
	Late follicular	CUF-LF	
	Early luteal	CUF-EL	
	Late luteal	CUF-LL	
Ovine	Early follicular	OUF-EF	Frozen liquid
	Late follicular	OUF-LF	
	Early luteal	OUF-EL	
	Late luteal	OUF-LL	



Sperm Preparing Media




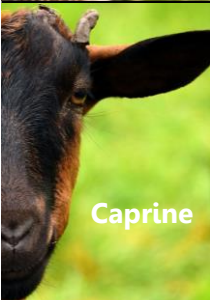
To select competent spermatozoa for IVF

	Product code	Description	Form
Porcine Swim-up Medium	SUM	Formulated with the ideal proportion of salts and viscosity mimicking the physiological environment Prepared to be supplemented with proteins source, preferably oviductal fluid from late follicular phase (POF-LF)	Refrigerated liquid

Visit our web page to learn more about the recommendations of use of our products.

www.embryocloud.com

Pricing List

Species	NaturARTs	Product code	Presentation (vials)	*Price (€)
	Follicular Fluid	BFF	5 units x 1 mL	325
			10 units x 1 mL	500
	Oviductal Fluid	BOF	50 µL	350
			100 µL	500
	Uterine Fluid	BUF	50 µL	300
100 µL			450	
	Follicular Fluid	PFF	5 units x 1 mL	325
			10 units x 1 mL	500
	Oviductal Fluid	POF	50 µL	350
			100 µL	500
	Uterine Fluid	PUF	50 µL	300
100 µL			450	
Sperm Swim-up media	SUM	50 mL	125	
	Follicular Fluid	OFF	5 units x 1 mL	325
			10 units x 1 mL	500
	Oviductal Fluid	OOF	50 µL	350
			100 µL	500
	Uterine Fluid	OUF	50 µL	300
100 µL			450	
	Follicular Fluid	CFF	5 units x 1 mL	325
			10 units x 1 mL	500
	Oviductal Fluid	COF	50 µL	350
			100 µL	500
	Uterine Fluid	CUF	50 µL	300
100 µL			450	

*21% VAT not included
Free shipping on orders over 400€

Contact & Orders



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