



Quinn's Advantage[®] Protein Plus Media

Delivering the Results You Desire...
...Quality and Consistency at its Best!

Key Features and Benefits

- Simple, convenient, ready-to-use medium, requiring no further supplementation
- Provides a parallel environment to the female reproductive system for embryo development
- Cost savings - enables labs to use small volumes of medium while reducing overhead labor costs
- Designed to be used in a 5 to 6% CO₂ environment to obtain recommended pH levels



Quinn's Advantage® Protein Plus Media

The Quinn's Advantage line is designed to provide consistent results during every stage of fertilization and embryo development. Quinn's Advantage Protein Plus Fertilization Medium was developed for *in vitro* procedures involving the fertilization of human oocytes. Quinn's Advantage® Protein Plus Cleavage Medium was developed for *in vitro* procedures involving the culture of fertilized human embryos from Day 1 until Day 3. Quinn's Advantage Protein Plus Blastocyst Medium was developed for *in vitro* procedures involving the culture of fertilized human embryos from Day 3 to Day 5/6.

Quinn's Advantage® Protein Plus Blastocyst Media with Insulin

Quinn's Advantage Protein Plus Blastocyst Medium with Insulin was developed for *in vitro* procedures involving the culture of fertilized human embryos from Day 3 to Day 5/6. Insulin is used as a growth factor and has been shown to promote *in vitro* embryo growth and development. Modifications to the original formulation include: reducing the concentration of essential amino acids removing some of the MEM vitamins and adding citrate and insulin.

Data on QA Protein Plus Blastocyst Media with Insulin

IVF Center	#patients	#D3 embryos cultured	#Blastocysts	% Blastocysts	#D3 embryos cultured	#Blastocysts	% Blastocysts
		Blastocyst Medium			QA Protein Plus Blastocyst Medium with insulin		
IVF Center 1	5	26	11	42	31	18	58
IVF Center 2	6	23	4	17	22	5	23
IVF Center 3	1	10	3	30	4	3	75
IVF Center 4	7	52	37	71	53	34	64
IVF Center 5	2	16	13	81	13	11	85
IVF Center 6	2	16	12	75	15	11	73
IVF Center 7	4	30	14	47	26	15	58
IVF Center 8	1	3	2	67	3	1	33
IVF Center 9	5	16	6	38	14	6	43
IVF Center 10	2	14	9	64	13	11	85
IVF Center 11	4	24	15	63	25	17	68
IVF Center 12	6	26	9	35	24	13	54
Total	45	256	135	53	243	145	60

SUMMARY: The data show that 75% of the study clinics saw an improvement in blastocyst formation when using the Quinn's Advantage Protein Plus Blastocyst Medium with Insulin.

Ordering Information

REF#	Description	Unit Size
ART-1520	Quinn's Advantage Protein Plus Fertilization (HTF) Medium	20 mL
ART-1526	Quinn's Advantage Protein Plus Cleavage Medium	20 mL
ART-1529	Quinn's Advantage Protein Plus Blastocyst Medium	20 mL
ART-1729	Quinn's Advantage Protein Plus Blastocyst Medium with Insulin	20 mL



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