ThermoBlast™ Kit

Optimised

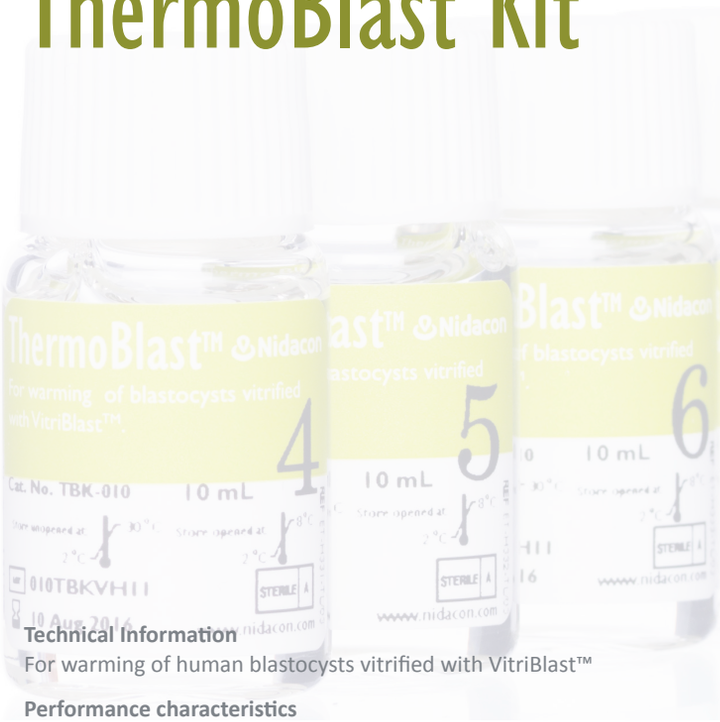
Kit optimised for warming blastocysts vitrified with VitriBlast™ Kit. Ready-to-use solutions.

For warming of human blastocysts vitrified with VitriBlast™

Nidacon

TBK 2015-09-16

ThermoBlast™ Kit



Effective

The formation of intracellular ice crystals is a major problem during the cooling and warming of cells. These ice crystals have detrimental effects on cell survival rates. Vitrification, which is the rapid freezing of cellular material, makes it possible to freeze cells while at the same time avoiding the formation of intracellular ice crystals.

The use of the vitrification technique results in a very homogenous structure, an amorphous crystalline structure.

Technical Information
For warming of human blastocysts vitrified with VitriBlast™

Performance characteristics

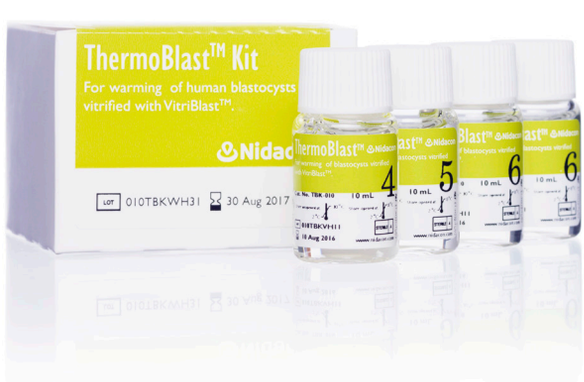
pH	*7.25-7.45*
Endotoxin levels (EU/mL)	*<0.5*
MEA Reexpanded blastocysts after exposure	*>80%*
Sterile filtered	*SAL 10^{-3}*

Components

Sodium chloride	Purified Water
Potassium chloride	Sodium pyruvate
Magnesium sulphate	EDTA
Potassium dihydrogen phosphate	HEPES
Sodium bicarbonate	Sucrose
hSA Human serum albumin	
Calcium lactate	
Glucose	

Storage conditions and shelf life
Store the unopened bottles at 2 to 30ºC and avoid temperatures above or below these values

12 months shelf life



Ordering Information

Volume	Article No.
4x10 mL	TBK-010

www.nidacon.com
Nidacon International AB
E-mail contact@nidacon.com
Tel: +46 31 703 06 30 Fax: +46 31 40 54 15