

Materials List for:

Production of Apolipoprotein C-III Knockout Rabbits using Zinc Finger Nucleases

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Materials

Name	Company	Catalog Number	Comments
APOC3-ZFN	Sigma Aldrich	CSTZFN1-1KT	Target Gene: APOC3, Lot Number: 12201118MN
mMESSAGE kit	Invitrogen	AM1344M	mRNA synthesis
MEGAclear Kit	Invitrogen	AM1908M	mRNA purification
Follicle-stimulating hormone	Bioniche Life Sciences	Folltropin-V	Treating embryo donor rabbits
Human chorionic gonadotropin	Intervet	Chorulon	Treating embryo donor rabbits
Gonadotropin-releasing hormone	Prospecbio	HOR-255	Treating embryo recipient rabbits
Earle's Balanced Salt Solution (EBSS)	Thermo Fisher Scientific	SH30029.02	Embryo culture, base medium
MEM (nonessential amino acid)	Sigma Aldrich	M7145	Embryo culture, supplements
BME AMINO ACIDS solution	Sigma Aldrich	B6766	Embryo culture, supplements
Glutamine	Gibco	25030-149	Embryo culture, supplements
Sodium pyruvate	Gibco	11360-070	Embryo culture, supplements
Fetal bovine serum	Sigma Aldrich	12003C	Embryo culture, supplements
HEPES buffered TCM 199	Gibco	12350039	Embryo manipulation medium
Incubator	Eppendorf	Galaxy 170	Embryo culture equipment
Micromanipulator	Eppendorf	TransferMan NK 2	Embryo manipulation equipment
Micropipette puller	Sutter Instruments Inc.	P-1000	Embryo manipulation equipment
Microinjector	Tritech Research	MINJ-D	Embryo manipulation equipment
Borosilicate glass capillary tubes	World Precision Instruments, Inc.	TW100F-6	Embryo manipulation supply
Euthasol (pentobarbitol sodium)	Virbac AH, Inc.	ANADA#200-071	Euthanization of embryo donor rabbits