

Materials List for:

Development of an *in vitro* model system for studying the interaction of *Equus caballus* IgE with its high-affinity receptor FcεRI

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Materials

Name	Company	Catalog Number	Comments
RBL-2H3.1 Expressing Equine FcεRIα	-	-	Produced in the lab
Equine IgE anti NIP-HSA	-	-	Produced in the lab
96 Well Plate	Sigma	CLS3595	-
Multi Channel Pipette	Anachem	-	-
Incubator	Galaxy R	-	-
4Hydroxy-5-iodo-3-nitrophenylacetic acid	Cambridge Research Biochemicals	N-1070-1	NIP-OH was conjugated with Human Serum Albumin to make NIP-HSA in the lab
Dinitrophenyl Conjugated to Human Serum Albumin	Sigma	A6661	Abbreviated DNP-HSA
Plate Spectrophotometer	Anthos Labtec HT2	-	-
Pipes	Sigma	P1851	-
Sodium Chloride	Sigma	S7653	-
Potassium Chloride	Sigma	P9333	-
Magnesium Chloride	Sigma	M2670	-
Calcium Chloride	Sigma	C1016	-
Triton x100	Sigma	X100	-
4-nitrophenyl N-acetyl-β-D-glucosaminide	Sigma	N9376	Stock solution called β-hexosaminidase substrate was 50mM prepared in DMSO
Dimethyl Sulfoxide	Sigma	D2650	-
Citric Acid	Sigma	251275	-
Sodium Acetate	Sigma	S7670	-
Tris	Sigma	T5941	-