

Materials List for

Ecotoxicological Effects of Microplastics on Bird Embryo Development by Hatching without Eggshell

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Materials

Name	Company	Catalog Number	Comments
Multi sample tissue grinder	Shanghai Jingxin Industrial Development Co., Ltd.	Tissuelyser-24	Grind large-sized plastics into small-sized ones at low temperature
Electronic balance	OHAUS corporation	PR Series Precision	Used for weighing
Fertilized quail eggs	Guangzhou Cangmu Agricultural Development Co., Ltd.		Quail eggs for hatching without shell
Fluorescent polypropylene particles	Foshan Juliang Optical Material Co., Ltd.		Types of plastics selected for the experiment
Incubator	Shandong, Bangda Incubation Equipment Co., Ltd.	264 pc	Provide a place for embryo growth and development
Nanometer-scale polystyrene microspheres	Xi'an Ruixi Biological Technology Co., Ltd.	100 nm, 200 nm, 500 nm	Types of plastics selected for the experiment
Steel ruler	Deli Group	20 cm	Used to measure length
Vertical heating pressure steam sterilizer	Shanghai Shenan Medical Instrument Factory	LDZM-80KCS-II	Sterilize the experimental articles