

Materials List for:

Preparation of Single-cohort Colonies and Hormone Treatment of Worker Honeybees to Analyze Physiology Associated with Role and/or Endocrine System

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Materials

Name	Company	Catalog Number	Comments
UNIPOSCA	Mitsubishi pencil	PC-5M	Marker pen for the application of marks to bees
20-hydroxyecdysone	Sigma Aldrich	H5142	
Methoprene	Sigma Aldrich	33375	
Breeding case insect	IRIS OHYAMA	CP-SS	
Electromotion mixer	ISO	23M-R25	homogenization of tissue
TRIZol Reagent	Invitrogen	15596-026	the reagent for total RNA extraction
DNase I	Takara	2270A	
PrimeScript RT reagent kit	Takara	RR037A	the reagent for reverse transcription
SYBR Premix ExTaq II	Takara	RR820A	the reagent for real-time PCR
LightCycle 1.2 Instrument	Roche	12011468001	the instrument for real-time PCR
LightCycle Capillaries (20µl)	Roche	4929292001	the material for real-time PCR