

表1 不同干燥方法样品提取 DNA 结果

Table 1 The result of DNA extracting from different methods desiccating sample

样品名称 Sample name	保存方法 Preservation methods	提取物外观 Appearance	DNA 条带 DNA band	点样孔残留 Impurity remain	DNA 带拖尾 DNA drag along tail	RNA 残留 RNA remain
海带 <i>Laminaria japonica</i>	活体样品 Fresh sample	无色透明溶液 Colorless and transparent solution	+	-	-	+
	硅胶干燥 Dehydrated desiccation with silica gel	无色透明溶液 Colorless and transparent solution	+	-	-	+
	恒温干燥 Dried at constant temperature	无色透明溶液 Colorless and transparent solution	+	-	-	+
	压标本法 Dried by pressure	无色透明溶液 Colorless and transparent solution	+	-	-	+
	高温干燥 45°C Dried at 45°C	无色透明溶液 Colorless and transparent solution	-	-	-	+
	高温干燥 75°C Dried at 75°C	无色透明溶液 Colorless and transparent solution	-	-	-	+
	冷冻干燥 Freeze-dried	无色透明溶液 Colorless and transparent solution	+	-	-	+
	活体样品 Fresh sample	无色透明溶液 Colorless and transparent solution	+	-	-	+
	硅胶干燥 Dehydrated desiccation with silica gel	无色透明溶液 Colorless and transparent solution	+	-	-	+
	恒温干燥 Dried at constant temperature	无色透明溶液 Colorless and transparent solution	+	-	+	+
亨氏马尾藻 <i>Sargassum henlowianum</i>	压标本法 Dried by pressure	无色透明溶液 Colorless and transparent solution	+	-	+	+
	高温干燥 45°C Dried at 45°C	无色透明溶液 Colorless and transparent solution	-	-	-	+
	高温干燥 75°C Dried at 75°C	无色透明溶液 Colorless and transparent solution	-	-	-	+
	冷冻干燥 Freeze-dried	无色透明溶液 Colorless and transparent solution	+	-	-	+
	活体样品 Fresh sample	无色透明溶液 Colorless and transparent solution	+	-	-	+
	硅胶干燥 Dehydrated desiccation with silica gel	无色透明溶液 Colorless and transparent solution	+	-	-	+
	恒温干燥 Dried at constant temperature	无色透明溶液 Colorless and transparent solution	+	-	+	+
	压标本法 Dried by pressure	无色透明溶液 Colorless and transparent solution	+	-	+	+
	高温干燥 45°C Dried at 45°C	无色透明溶液 Colorless and transparent solution	-	-	-	+
	高温干燥 75°C Dried at 75°C	无色透明溶液 Colorless and transparent solution	-	-	-	+
龙须菜 <i>Gracilaria lemaneiformis</i>	冷冻干燥 Freeze-dried	无色透明溶液 Colorless and transparent solution	+	-	-	+
	活体样品 Fresh sample	无色透明溶液 Colorless and transparent solution	+	+	-	-
	硅胶干燥 Dehydrated desiccation with silica gel	无色透明溶液 Colorless and transparent solution	+	-	-	-
	活体样品 Fresh sample	无色透明溶液 Colorless and transparent solution	+	-	-	-

续表 1

样品名称 Sample name	保存方法 Preservation methods	提取物外观 Appearance	DNA 条带 DNA band	点样孔残留 Impurity remain	DNA 带拖尾 DNA drag along tail	RNA 残留 RNA remain
龙须菜 <i>Gracilaria</i>	恒温干燥 Dried at constant temperature	无色透明溶液 Colorless and transparent solution	+	-	-	+
<i>Lemaneiformis</i>	压标本法 Dried by pressure	无色透明溶液 Colorless and transparent solution	+	-	-	+
	高温干燥 45°C Dried at 45°C	无色透明溶液 Colorless and transparent solution	-	-	-	-
	高温干燥 75°C Dried at 75°C	无色透明溶液 Colorless and transparent solution	-	-	-	-
	冷冻干燥 Freeze-dried	无色透明溶液 Colorless and transparent solution	+	-	-	-
长心卡帕藻 <i>Kappaphycus alvarezii</i>	活体样品 Fresh sample	无色透明溶液 Colorless and transparent solution	+	-	-	-
	硅胶干燥 Dehydrated desiccation with silica gel	无色透明溶液 Colorless and transparent solution	+	-	-	-
	恒温干燥 Dried at constant temperature	无色透明溶液 Colorless and transparent solution	+	-	-	-
	压标本法 Dried by pressure	无色透明溶液 Colorless and transparent solution	+	-	-	-
	高温干燥 45°C Dried at 45°C	无色透明溶液 Colorless and transparent solution	-	-	-	-
	高温干燥 75°C Dried at 75°C	无色透明溶液 Colorless and transparent solution	-	-	-	-
	冷冻干燥 Freeze-dried	无色透明溶液 Colorless and transparent solution	+	-	-	-
浒苔 <i>Enteromorpha prolifera</i>	活体样品 Fresh sample	无色透明溶液 Colorless and transparent solution	+	+	-	-
	硅胶干燥 Dehydrated desiccation with silica gel	无色透明溶液 Colorless and transparent solution	+	+	-	-
	恒温干燥 Dried at constant temperature	无色透明溶液 Colorless and transparent solution	+	-	-	-
	压标本法 Dried by pressure	无色透明溶液 Colorless and transparent solution	+	-	-	-

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Continuing table 1

样品名称 Sample name	保存方法 Preservation methods	提取物外观 Appearance	DNA 条带 DNA band	点样孔残留 Impurity remain	DNA 带拖尾 DNA drag along tail	RNA 残留 RNA remain
浒苔 <i>Enteromorpha</i> <i>prolifera</i>	高温干燥 45°C Dried at 45°C	无色透明溶液 Colorless and transparent solution	-	-	-	-
	高温干燥 75°C Dried at 75°C	无色透明溶液 Colorless and transparent solution	-	-	-	-
	冷冻干燥 Freeze-dried	无色透明溶液 Colorless and transparent solution	+	-	-	-

注: +表示有; -表示无

Note: +, positive; -, negative