

表4 不同冻存方法保存样品提取 DNA 的浓度、纯度及得率

Table 4 The concentration, purity and quantity of DNA extracting from sample preservation at different low temperature

样品名称 Sample name	保存方法 Preservation methods	浓度(ng/μL) Concentration (ng/μL)	纯度( $OD_{260}/OD_{280}$ ) Purity ( $OD_{260}/OD_{280}$ )	得率(μg/g) Yield (μg/g)
海带 <i>Laminaria japonica</i>	活体样品 Fresh sample	243.9	1.72	48.75
<i>Laminaria japonica</i>	低温储存 4°C Preservation at 4°C	145.0	1.48	29.00
	低温储存-20°C Preservation at -20°C	236.8	1.80	47.32
	低温储存-80°C Preservation at -80°C	250.7	1.80	50.14
	活体样品 Fresh sample	240.8	1.58	48.16
	低温储存 4°C Preservation at 4°C	417.9	1.76	83.59
	低温储存-20°C Preservation at -20°C	355.9	1.81	71.19
<i>Sargassum henlowianum</i>	低温储存-80°C Preservation at -80°C	446.6	1.71	88.32
	活体样品 Fresh sample	334.0	1.80	66.81
	低温储存 4°C Preservation at 4°C	426.8	1.84	85.32
	低温储存-20°C Preservation at -20°C	510.9	1.81	102.18
	低温储存-80°C Preservation at -80°C	273.7	1.89	54.74
	活体样品 Fresh sample	153.7	1.61	30.75
<i>Gracilaria Lemaneiformis</i>	低温储存 4°C Preservation at 4°C	137.2	1.45	27.44
	低温储存-20°C Preservation at -20°C	491.3	1.84	98.26
	低温储存-80°C Preservation at -80°C	326.9	1.83	65.39
	活体样品 Fresh sample	447.1	1.98	89.22
	低温储存 4°C Preservation at 4°C	554.2	1.96	100.85
	低温储存-20°C Preservation at -20°C	356.1	1.94	71.22
<i>Enteromorpha prolifera</i>	低温储存-80°C Preservation at -80°C	356.3	1.93	71.26
	活体样品 Fresh sample			
	低温储存 4°C Preservation at 4°C			
	低温储存-20°C Preservation at -20°C			
	低温储存-80°C Preservation at -80°C			
	活体样品 Fresh sample			