

Table S1. Changes in different medias' viscosities at different temperatures

Sample	Temperature (°C)		
	20±1	24±1	28±1
Deionized water	0. 84±0. 00 <sup>d</sup>	—	—
30	3.20±0.07 <sup>c</sup>	—	—
sugar osmotic solution (°Brix)	10. 08±0. 72 <sup>bA</sup>	7. 21±0. 16 <sup>B</sup>	6. 69±0. 12 <sup>B</sup>
45			
60	54.45±1.60 <sup>a</sup>	—	—

— represents no detection

The different superscript lowercase letters in the same column represents the significant differences ( $p< 0.05$ ).

The different superscript with different capital letters in the same row represents the significant differences ( $p< 0.05$ ).