

Sample	Content of DOP
Sample 1	76.59%
Sample 2	86.28%
Sample 3	86.41%

FIGURE S1 Standard curve of glucose and the content of DOP

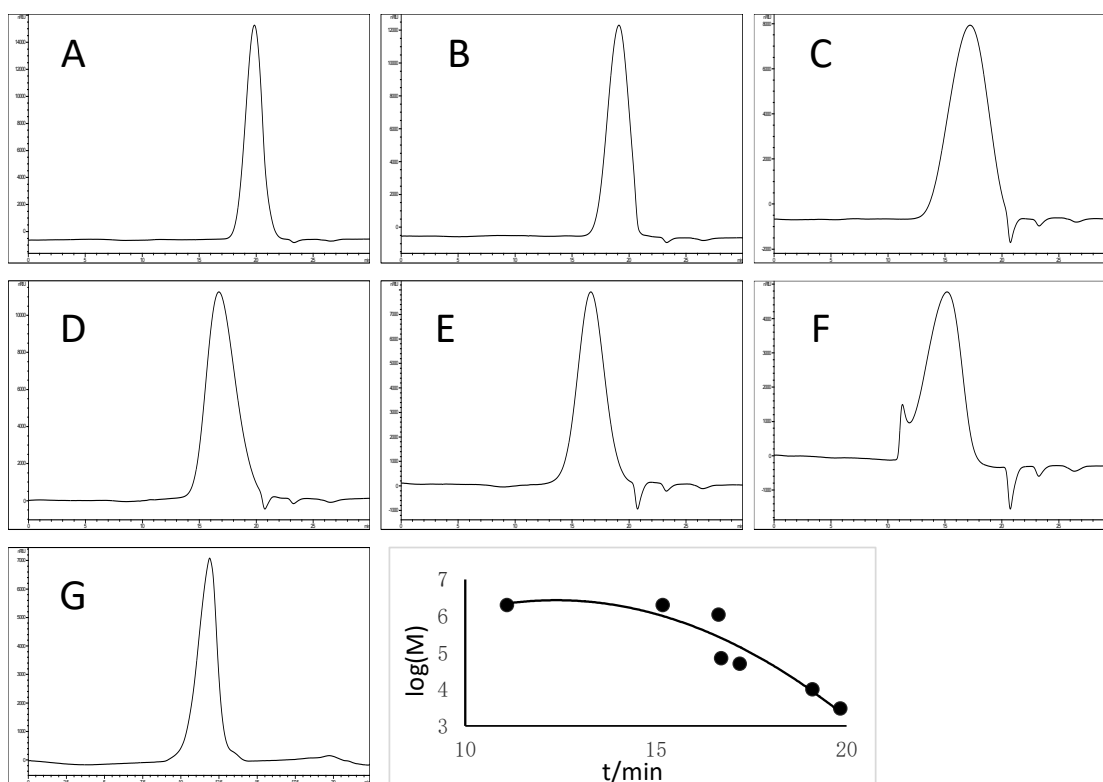


FIGURE S2 The chromatogram of different molecular weight of dextran and the Standard curve of dextran (A.3000; B.1 million C.5million; D.7 million; E.11 million; F.20 million G.200 million;)

Table S1 RT-PCR primer sequences and annealing temperature

Gene	Forward primer	Reverse primer
<i>β-actin</i>	CCCATCTATGAGGGTTACGC	TTTAATGTCAGCAGGATTTC
<i>KAEP1</i>	CTGCATCCACCACAGCAGCGT	GTGCAGCACACAGACCCCGGC
<i>NRF2</i>	GCCCACATTCCCAAACAAGAT	CCAGAGAGCTATTGAGGGACTG
<i>HO-1</i>	AAGAGGCTAAGACCGCCTTC	GCATAAATCCCACTGCCAC
<i>NQO-1</i>	TCACCACTCTACTTTGCTCCAA	TTTTCTGCTCCTTGAACCTC
<i>Gclc</i>	CCTCCTCTCCAAACTCAGATA	CCACAAATACCACATAGGCAGA
<i>Gclm</i>	GCCACCAGATTTGACTGCCTTT	CAGGGATGCTTTCTTGAAGAGCTT

