A High-Throughput Relative DPPH Radical Scavenging Capacity (RDSC) Assay

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Supporting Information for the data not shown (page 13, line 6)

Table 1. The blank absorbance of the plate with 50% acetone determined at 515 nm*

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.241	0.221	0.214	0.242	0.217	0.229	0.213	0.224	0.222	0.240	0.208	0.231
B	0.233	0.203	0.215	0.222	0.249	0.213	0.218	0.224	0.231	0.217	0.240	0.249
C	0.247	0.225	0.194	0.219	0.240	0.247	0.226	0.217	0.225	0.223	0.237	0.238
D	0.236	0.209	0.205	0.244	0.239	0.245	0.245	0.231	0.250	0.242	0.251	0.247
E	0.253	0.227	0.219	0.213	0.253	0.231	0.229	0.233	0.223	0.232	0.240	0.228
F	0.193	0.200	0.215	0.240	0.256	0.241	0.249	0.248	0.259	0.238	0.258	0.248
G	0.251	0.199	0.203	0.234	0.250	0.240	0.245	0.224	0.250	0.242	0.243	0.254
H	0.266	0.229	0.185	0.224	0.244	0.255	0.255	0.231	0.250	0.253	0.226	0.271

*: Data were the means of triplicate measurements within one 96-well plate. All the wells contained 200 µL 50% acetone. The plate was covered with a lid to avoid solvent evaporation during the determination.

Table 2. The blank absorbance of the four different plates with 50% acetone determined at 515 nm

Plates	Mean	SD	RSD (%)
1	0.233	0.017	7.433
2	0.237	0.018	7.586
3	0.210	0.017	8.283
4	0.235	0.018	7.628
Pooled Mean	0.229	0.013	5.511