



O-6- DNA (MGMT)

Tissue homogenates and other biological fluids.

27 pg/mL

78.13-5000 pg/mL

		48T	96T	
	Pre-coated Microplate	6 x 8	12 x 8	4°C/-20°C
	Standard (lyophilized)	1	2	4°C/-20°C
	Standard/Sample Diluent Buffer	10 mL	20 mL	4°C/-20°C
×	Biotinylated Antibody (100×)	60 µL	120 µL	4°C/-20°C
	Biotinylated Antibody Diluent	6 mL	12 mL	4°C/-20°C
×	Streptavidin-HRP (100×)	60 µL	120 µL	4°C/-20°C
	HRP Diluent	6 mL	12 mL	4°C/-20°C
×	Wash Buffer (25×)	10 mL	20 mL	4°C/-20°C
	TMB Substrate Solution	6 mL	10 mL	4°C/-20°C(
	Stop Reagent	3 mL	6 mL	4°C/-20°C
	Plate Covers	1	2	
	Instruction Manual	1	1	



ELK Biotechnology

POSTER



		MGMT	96	
MGMT		MGMT		MGMT
	MGMT		MGMT	
	HRP		TMB	TMB
				MGMT
	450 nm	OD		



1. 2 4°C 1000×g 20
-20°C -80°C
2. 30 2-8°C 1000×g 15
EDTA-Na₂ -20° -80°
3. PBS 0.01M pH7.0-7.2
PBS 1:9
PBS 1%
2
5000×g 5-10
BC016 BCA
4. 1000×g 20
-20°C -80°C
5. 24 2000×g 15
-20°C
6. 2-8°C, 1000×g 15
-20°C
7. 1000×g 20
- 1.
2. 1 4°C
-20°C 1 -80°C 3-6





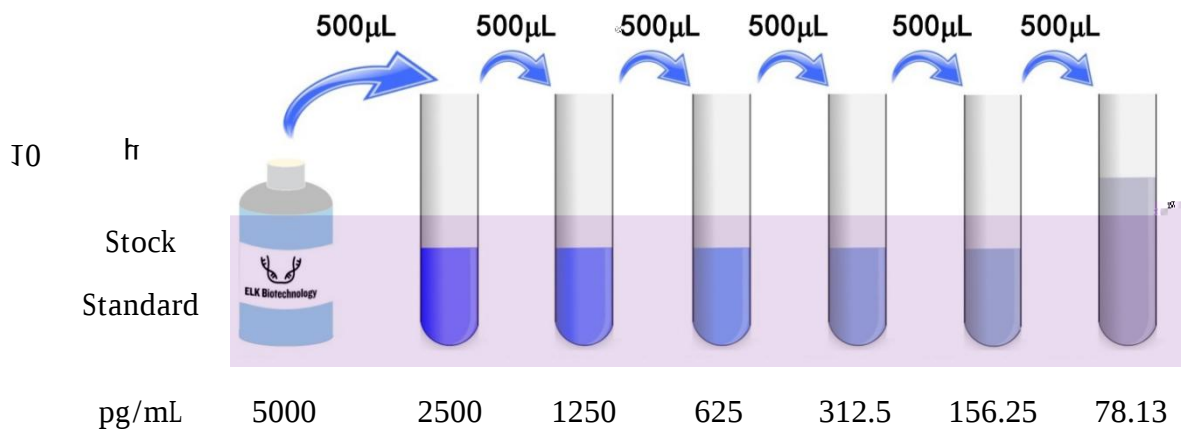
1. 100 μ L 37°C 80 100 μ L

2



1. 30
2. 25× 1× 4°C
3. & 1.0 mL 10
T 5000 pg/mL 5000 pg/mL 2500 pg/mL
1250 pg/mL 625 pg/mL 312.5 pg/mL 156.25 pg/mL 78.13 pg/mL 0 pg/mL

15



4. 100 µL/
100-200 µL



- 1.
2.
1000×g 1 4-5
3.
40°C
4.
10
- 5.
6.
TMB TMB
- 7.
- 8.
- 9.
- 10.



- 1.
2. 100 μ L
- 37°C 80
3. 3 200 μ L 1-2
4. 100 μ L 15 37°C 50
5. 3 200 μ L 1-2
6. 100 μ L 15 37°C 50
7. 5 200 μ L 1-2
8. TMB 90 μ L 37°C 20
- 30
9. 50 μ L
10. 450 nm OD



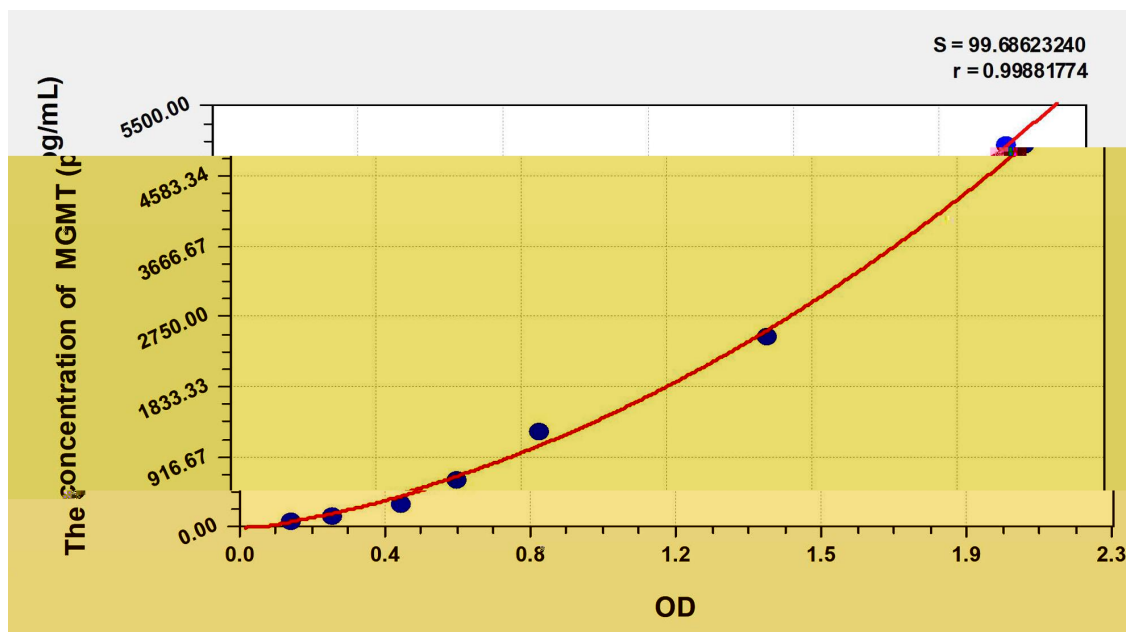
1. OD OD
 2. OD OD
- X Y

OD

OD

curve expert

pg/mL		
5000	2.163	2.095
2500	1.484	1.416
1250	0.885	0.817
625	0.665	0.597
312.5	0.493	0.425
156.25	0.312	0.244
78.13	0.206	0.138
0	0.068	0.000





CV%<8%

20

CV%<10%

40

(n=5)	90-104%	97%
EDTA (n=5)	80-97%	88%
heparin (n=5)	87-99%	93%

	1:2	1:4	1:8	1:16
(n=5)	87-98%	87-100%	85-94%	83-96%
EDTA (n=5)	85-100%	84-98%	95-101%	88-102%
heparin (n=5)	79-92%	85-96%	80-98%	95-102%



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