

Epitope: H3K4me3

Vendor: Millipore

Cat #: 07-473

lot #: DAM1731494

Broad Institute Encode3

**Antibody: H3K4me3**

**Vendor: Millipore**

**Product Number: 07-473**

**Lot Number: DAM1731494**

Test Date 7/23/2010

User MC

#### Primary Antibody

Vendor Millipore

Part # 07-473

Lot # DAM1731494

Concentration 1 :3000

Incubation Time 30m

#### Secondary Antibody

Vendor USB #72560

Part # 72560

Lot # 123941

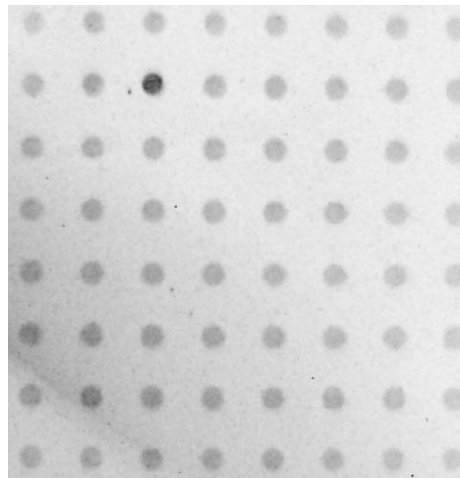
Concentration 1 :10,000

Incubation Time 30m

Develop Time 5m

#### Protocol

- Add each peptide into BioDot at above concentrations in 50uL total volume
- Let sit on rocker 60 minutes
- Pull through with vacuum, wash once with 100uL TBS and twice with 200uL TBSTw
- Remove membrane from BioDot and transfer to 10mL Pierce SuperBlock in tray
- Place on rocker for 30 minutes
- Dump off SuperBlock and add Primary Antibody in 10mL total volume
- Place on rocker for 30 minutes
- Wash 3 x 5 minutes in TBSTw
- Add secondary antibody diluted in SuperBlock in 10mL total volume
- Place on rocker for 30 minutes
- Wash 3 x 15 minutes in TBSTw, 1 x 10 minutes in TBS
- Develop in Fluorchem



Gel Setup

	1	2	3	4	5	6	
A	K4m1 0.01ug	K4m2 0.01ug	K4m3 0.01ug	K9m1 0.01ug	K9m1 0.1ug	Hela 0.01ug	H4K16ac 0.01ug
B	K4m1 0.1ug	K4m2 0.1ug	K4m3 0.1ug	K9m2 0.01ug	K9m2 0.1ug	Hela 0.1ug	H4K16ac 0.1ug
C	K36m1 0.01ug	K36m2 0.01ug	K36m3 0.01ug	K9m3 0.01ug	K9m3 0.1ug	H3 0.01ug	H4K8ac 0.01ug
D	K36m1 0.1ug	K36m2 0.1ug	K36m3 0.1ug	K9ace 0.01ug	K9ace 0.1ug	H3 0.1ug	H4K8ac 0.1ug
E	K79m1 0.01ug	K79m2 0.01ug	K79m3 0.01ug	K27m1 0.01ug	K27m1 0.1ug	H4 0.01ug	H4K12ac 0.01ug
F	K79m1 0.1ug	K79m2 0.1ug	K79m3 0.1ug	K27m2 0.01ug	K27m2 0.1ug	H4 0.1ug	H4K12ac 0.1ug
G	K20m1 0.01ug	K20m2 0.01ug	K20m3 0.01ug	K27m3 0.01ug	K27m3 0.1ug	H4K5ac 0.01ug	H4tetraAc 0.01ug
H	K20m1 0.1ug	K20m2 0.1ug	K20m3 0.1ug	K27ace 0.01ug	K27ace 0.1ug	H4K5ac 0.1ug	H4tetraAc 0.1ug

