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Data Sheet

Blocking Buffer 1

Catalog #: 52100

Description: This Blocking Buffer 1 is optimized for minimizing background in chemiluminescent methyltransferase, demethylase, and TET assays.

Applications: Suitable for use with enzymatic assays to study enzyme kinetics or screen for small molecular inhibitors of methyltransferases, demethylases, or TETs.

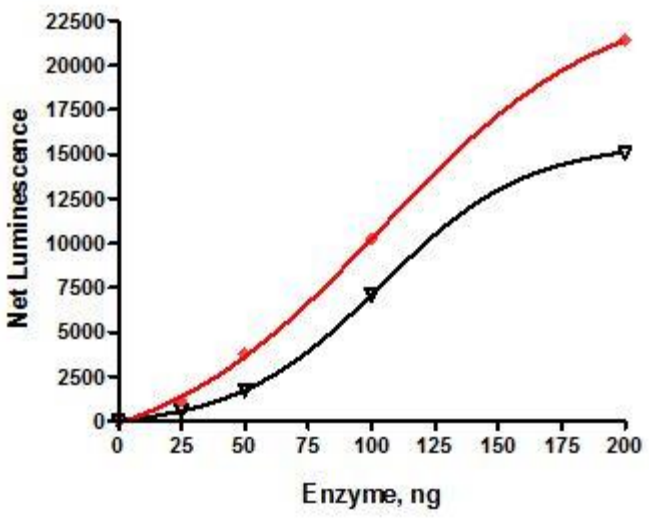
Supplied As: Tris-buffered solution

Format: Aqueous buffer solution

Quantity: 50 ml

Storage/Stability: Store at -20°C. Avoid freeze/thaw cycles. At least 12 months from date of receipt, when stored as directed.

TET 2 Activity



♦ BPS Blocking Buffer

♦ Competitor Blocking Buffer

Assay Conditions: Add 50 µl reaction mix containing a-ketoglutarate, TET enzyme, and TET2 assay buffer (BPS) to wells coated with the substrate. Incubate 2 h at room temperature. Add specific primary antibody, incubate 1 hr. Then, add secondary HRP-labeled antibody and incubate 30 min. Finally, add HRP chemiluminescent substrates and read luminescence. Block 10 min. with respective Blocking buffer after every step.

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Optimized For Use With:

Product	Cat. #	Size
CD28:B7-1[Biotinylated] Inhibitor Screening Assay Kit	72007	96 rxns
CD28:B7-2[Biotinylated] Inhibitor Screening Assay Kit	72062	96 rxns
CD47:SIRP-α[Biotinylated] Inhibitor Screening Assay Kit	72044	96 rxns
CD47:SIRP-γ[Biotinylated] Inhibitor Screening Assay Kit	72059	96 rxns
CD137[Biotinylated]:CD137L Inhibitor Screening Assay Kit	72025	96 rxns
CD226:CD155 Homogeneous Assay Kit	72052	384 rxns
CD226:CD112 Homogeneous Assay Kit	72051	384 rxns
CTLA4:B7-1 TR-FRET Assay Kit	72120	384 rxns
CTLA4:B7-1[Biotinylated] Inhibitor Screening Assay Kit	72009	96 rxns
CTLA4[Biotinylated]:B7-2 Inhibitor Screening Assay Kit	72024	96 rxns
IL-17RA[Biotin]:IL-17A Inhibitor Screening Assay Kit	72060	96 rxns
OX40[Biotinylated]:OX40L Inhibitor Screening Assay Kit	72045	96 rxns
PD-1:PD-L2[Biotinylated] Inhibitor Screening Colorimetric Assay Kit	72017	96 rxns
PD-1[Biotinylated]:PD-L1 Homogeneous Assay Kit	72028	384 rxns
PD-1[Biotinylated]:PD-L1 Inhibitor Screening Assay Kit	72005	96 rxns
PD-1[Biotinylated]:PD-L1 Inhibitor Screening Colorimetric Assay Kit	72018	96 rxns
PD-1[Biotinylated]:PD-L2 Inhibitor Screening Assay Kit	72006	96 rxns
PD-1[Biotinylated]:PD-L2 Inhibitor Screening Colorimetric Assay Kit	72019	96 rxns
PD-L1:B7-1[Biotinylated] Inhibitor Screening Assay Kit	72026	96 rxns
TIGIT:CD112 Homogeneous Assay Kit	72030	384 rxns
TIGIT:CD155 Homogeneous Assay Kit	72029	384 rxns

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