

ElectraSense™

COMBIMATRIX



The ElectraSense™ Detection Kit is an all-inclusive kit containing reagents that allow the customer to label biotinylated genetic material hybridized to an ElectraSense™ MicroArray with detection molecules. The array may then, in turn, have hybridization levels detected on an ElectraSense™ Reader.

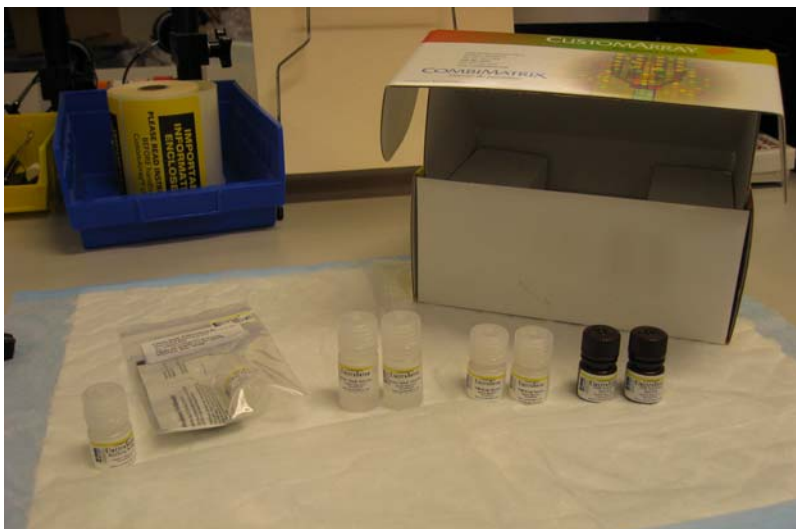
Included in the Kit:

- ElectraSense™ Blocking Buffer (x1)
- ElectraSense™ Biotin Labeling Solution (x1)
- ElectraSense™ Biotin Wash Solution (x2)
- ElectraSense™ TMB Rinse Solution (x2)
- ElectraSense™ TMB Substrate Solution (x2)

Reference the ElectraSense™ Detection Protocol for more detailed information regarding the use of the ElectraSense™ Detection Kit during the hybridization procedure.

Generally speaking, once biotinylated target is hybridized to the oligos, the hybridization chamber is washed with reagents described in the protocol, then blocked using the Blocking Buffer. The targets are then labeled with the Biotin Labeling Solution. Final washes are performed with Biotin Wash Solution and TMB Rinse Solution, and the electrochemical read is performed in the TMB Substrate Solution.

Following the standard protocols, the ElectraSense™ Detection Kit has adequate reagents for up to 25 electrochemical reads on the 12k platform or up to 100 sectors on the 4x2k platform. Please note that this kit is shipped cold, and must be refrigerated upon receipt.



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