

**Datasheet for KOA0884****Methylated DNA Immunoprecipitation Kit****Overview**

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|---------------------|-----------------------------------------------------------|
| <b>Description:</b> | Methylated DNA Targeted Immunoprecipitation Kit - KOA0884 |
| <b>Item No.:</b>    | KOA0884                                                   |
| <b>Size:</b>        | 1 Kit                                                     |

**Product Details**

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| <b>Background:</b>         | <p>Methylated DNA kit, the protocol has been improved to allow researchers to work in smaller tubes than traditionally did so far. The kit ensures the use of low amount of reagents per reaction (not only antibodies, but also buffers). The kit also includes fewer buffers in comparison with other kits. This makes this kit cheaper to use and much simpler to work with. The number of steps is reduced and handling is easier with our Magnetic Methyl DNA IP procedure. Two IP kit formats are available: one for a minimum of 10 IPs and another for a minimum of 48 IPs. In addition, the flexibility of the protocol has also been increased, as the IP'd DNA can be isolated and/or purified in different ways based on the downstream application: an extra-fast and simplified protocol is included in the IP kit (for qPCR analysis); but an additional method, (for subsequent sequencing analysis) is also proposed. Moreover, use of a magnetic rack together with our new IP kit protocol ensures the best IP conditions by working at a constantly cooler temperature. There are Magnetic Racks available that have been designed to be used in IP experiments, keeping samples cool longer and allowing the use of small tubes to reduce the reaction volumes and waste of reagents. The kit protocol also includes more flexibility at the DNA isolation/purification stage, so that the isolated DNA can be analyzed by all sorts of subsequent techniques. In addition, several modules are available for upstream and downstream experiments. The Methylated DNA IP kit protocol has been validated with the Bioruptor®. Nevertheless, DNA can be sheared with any in house protocol and sonication apparatus as long as efficiency is checked before use.</p> |
| <b>Synonyms:</b>           | Magnetic Methylated DNA Immunoprecipitation, MeDIP, MagMeDIP, immunoprecipitate methylated DNA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Detection Kit Type:</b> | Immunoprecipitation Kit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

**Target Details**

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|------------------------|----------------------------------------------------------------------------------|
| <b>Relevant Links:</b> | <ul style="list-style-type: none"><li><a href="#">KOA0884 Protocol</a></li></ul> |
|------------------------|----------------------------------------------------------------------------------|

## Application Details

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| <b>Application Note:</b> | The Methylated DNA IP kit is designed to immunoprecipitate methylated DNA (Methyl DNA IP). Suitable for 10 reactions. |
| <b>Assay Dilutions:</b>  | All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.                       |
| <b>IP:</b>               | Use as directed                                                                                                       |

## Formulation

## Shipping & Handling

|                            |                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------|
| <b>Shipping Condition:</b> | Dry Ice                                                                               |
| <b>Storage Condition:</b>  | See kit insert for components stored at 2-8°C and -20°C. Avoid freeze thawing cycles. |
| <b>Expiration:</b>         | Expiration date is one (1) year from date of receipt.                                 |

## Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.

