

# MRS-2 Component (5X)

Catalog number: ACC 00524

Lot number	Item
_____	3 ml - makes 15 ml
_____	6.5 ml - makes 32.5 ml
_____	11 ml - makes 55 ml
_____	102 ml - makes 510 ml

Store MRS-2 component (5X) concentrate in the refrigerator (4°C).

## Preparing Buffer from concentrate

MRS-2 component is used to dilute the concentrated peroxidase enzyme conjugate for use with the NPT II ELISA. The volume of 1X MRS-2 component required depends on the number of test wells used. You will need to prepare 100 µl per test well, or approximately 10 ml for each 96-well plate. If you are using less than a full plate, prepare slightly more 1X buffer than you need to insure easy pipetting.

Dilute 1 volume of 5X MRS-2 component concentrate with 4 volumes of PBST 1X before use.

**Example:** To prepare 15 ml of working MRS-2 component

Buffer concentrate	3 ml
PBST 1X	12 ml

Measure the PBST 1X into a container and add the buffer concentrate while stirring.

## Storage

Agdia recommends preparing only as much 1X MRS-2 component as is needed for one day.