

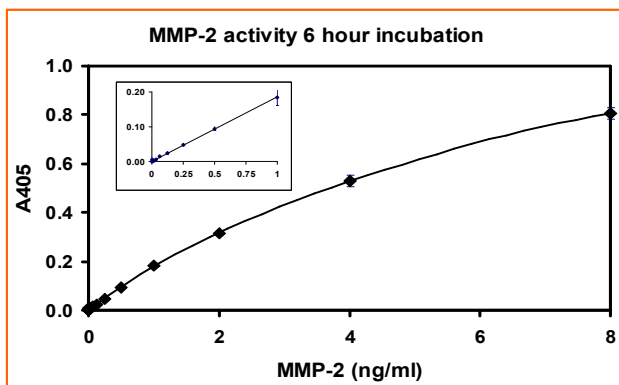
# Human MMP-2 Activity Assay

- Quantitative measurement of both active and total human MMP-2
- 96-well plate format
- Colorimetric read-out at 405 nm
- Ability to detect high and low ranges in a single measurement
- Easy and sensitive
- Quantitative replacement for zymography

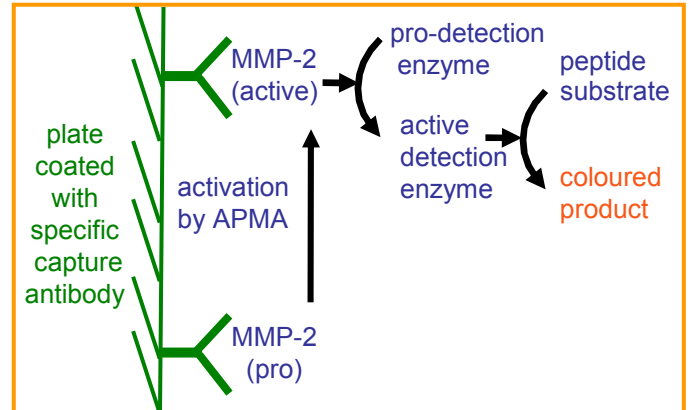
## Assay specifications

- Dynamic range:** 0.02 - 16 ng/ml
- Sensitivity:** 0.15 ng/ml (2 hr incubation)  
0.02 ng/ml (6 hr incubation)  
4 pg/ml (o/n incubation)
- Sample volume:** 10 - 100  $\mu$ l
- Format:** 96 - well plate
- Intended use:**
- tissue homogenate
  - conditioned culture medium
  - serum
  - urine

## Quantitative measurement



## Assay principle



Active MMP-2: direct measurement  
Pro MMP-2: measurement after activation with APMA

## What's in the box

**All standards, buffers and plates are included:** Pre-coated 96-well microplate, assay buffer, APMA, pro-detection enzyme, peptide substrate, wash buffer, human MMP-2 standard.

## Related products

Activity assays for

- human MMP-9
- mouse MMP-9
- rat MMP-9
- human MMP-3
- human MMP-14

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