

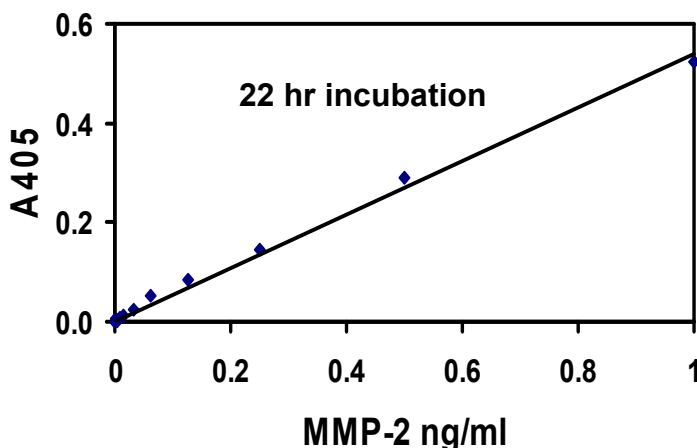
# Mouse MMP-2 Activity Assay

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

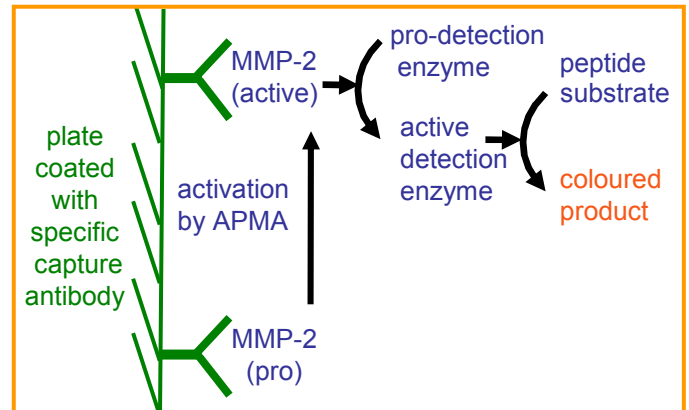
## Assay specifications

- Dynamic range:** 0.025 - 4 ng/ml
- Sensitivity:** 0.04 ng/ml (6 hr incubation)  
6 pg/ml (22 hr incubation)
- Sample volume:** 10 - 100  $\mu$ l
- Format:** 96 - well plate
- Intended use:**
- tissue homogenate
  - conditioned culture medium
  - serum
  - urine

## Quantitative determination



## 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, mouse MMP-2 standard.

## Related products

- |                     |                    |
|---------------------|--------------------|
| Activity assays for | Assays for         |
| - mouse MMP-9       | - soluble collagen |
| - human MMP-2       | - total collagen   |
| - human MMP-9       | - hydroxyproline   |

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