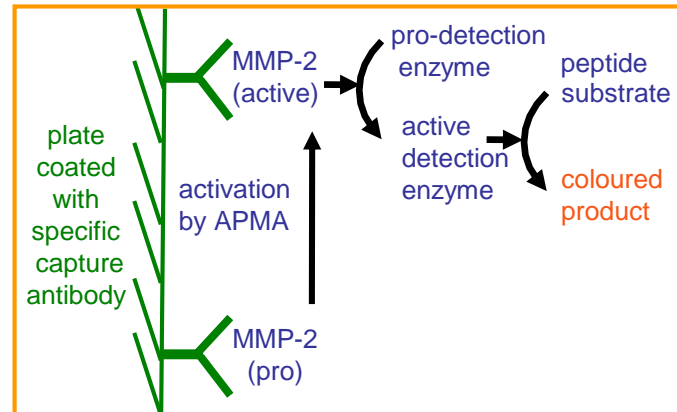


- Quantitative measurement of both active and total human MMP-2
- 96-well plate format
- Colorimetric read-out at 405 nm
- Ability to detect high and low ranges in one assay
- Easy and sensitive
- Quantitative replacement for zymography
- Now based on monoclonal antibody

## Assay principle

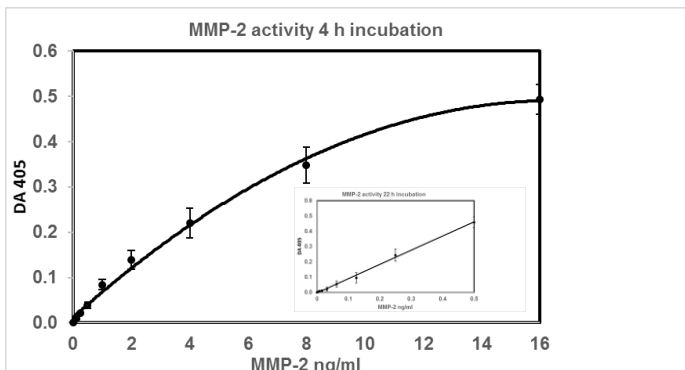


Active MMP-2: direct measurement  
Pro MMP-2: measurement after activation with APMA

## Assay specifications

- Dynamic range:** 0.02 - 16 ng/ml
- Sensitivity:** 0.04 ng/ml (2 hr incubation)  
0.02 ng/ml (6 hr incubation)  
4 pg/ml (o/n incubation)
- Cross reactivity:** MMP-1, -3, -8, -9 < 0.05%,  
-13 < 1%, -7 < 7%
- Sample volume:** 10 - 100  $\mu$ l
- Format:** 96 - well plate
- Intended use:** Cell culture media, cell and tissue extracts, serum, urine

## Quantitative measurement



## What's in the box?

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

## Related assays

- Human and mouse MMP-9 activity assay
- Human MMP-7, -8, -14 activity assays
- Soluble collagen assay
- Total collagen assay
- Hydroxyproline assay

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