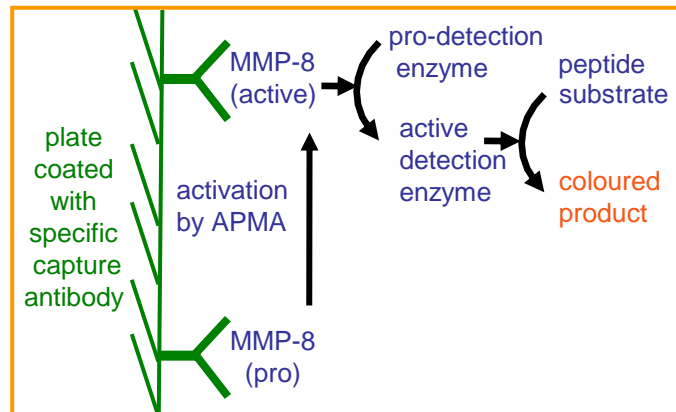


# Human MMP-8 Activity Assay

- Quantitative measurement of active and total human MMP-8
- 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 western blotting
- Marker for neutrophils (PMN)

## Assay principle

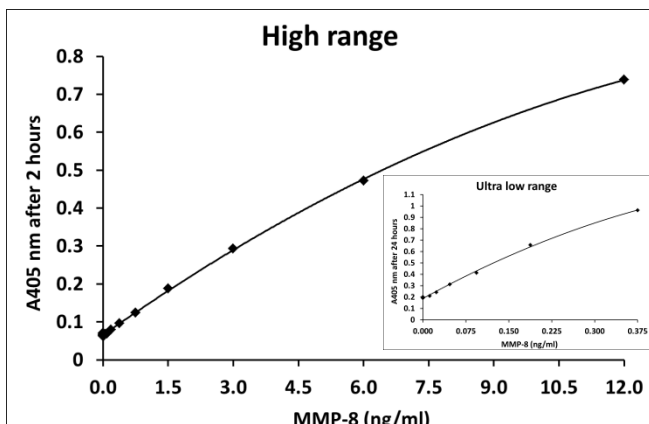


Active MMP-8: direct measurement  
Pro-MMP-8: measurement after activation with APMA

## Assay specifications

- Dynamic range: 10 – 24000 pg/ml
- Sensitivity: 100 pg/ml (2 hr incubation)  
24 pg/ml (6 hr incubation)  
4 pg/ml (24 hr incubation)
- Sample volume: 10 - 100  $\mu$ l
- Format: 96 - well plate
- Intended use: - tissue homogenate  
- conditioned culture medium  
- serum  
- urine

## Quantitative measurement



## What's in the box?

All standards, buffers and plates are included: Pre-coated Fab 96-well microplate, MMP-8 specific antibody, assay buffer, APMA, pro-detection enzyme, peptide substrate, wash buffer, human MMP-8 standard.

## Related assays

- Human and mouse MMP-9 activity assay
- Human and mouse MMP-2 activity assay
- Soluble collagen assay
- Total collagen assay
- Hydroxyproline assay

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