

FIGURES

Figure 1A

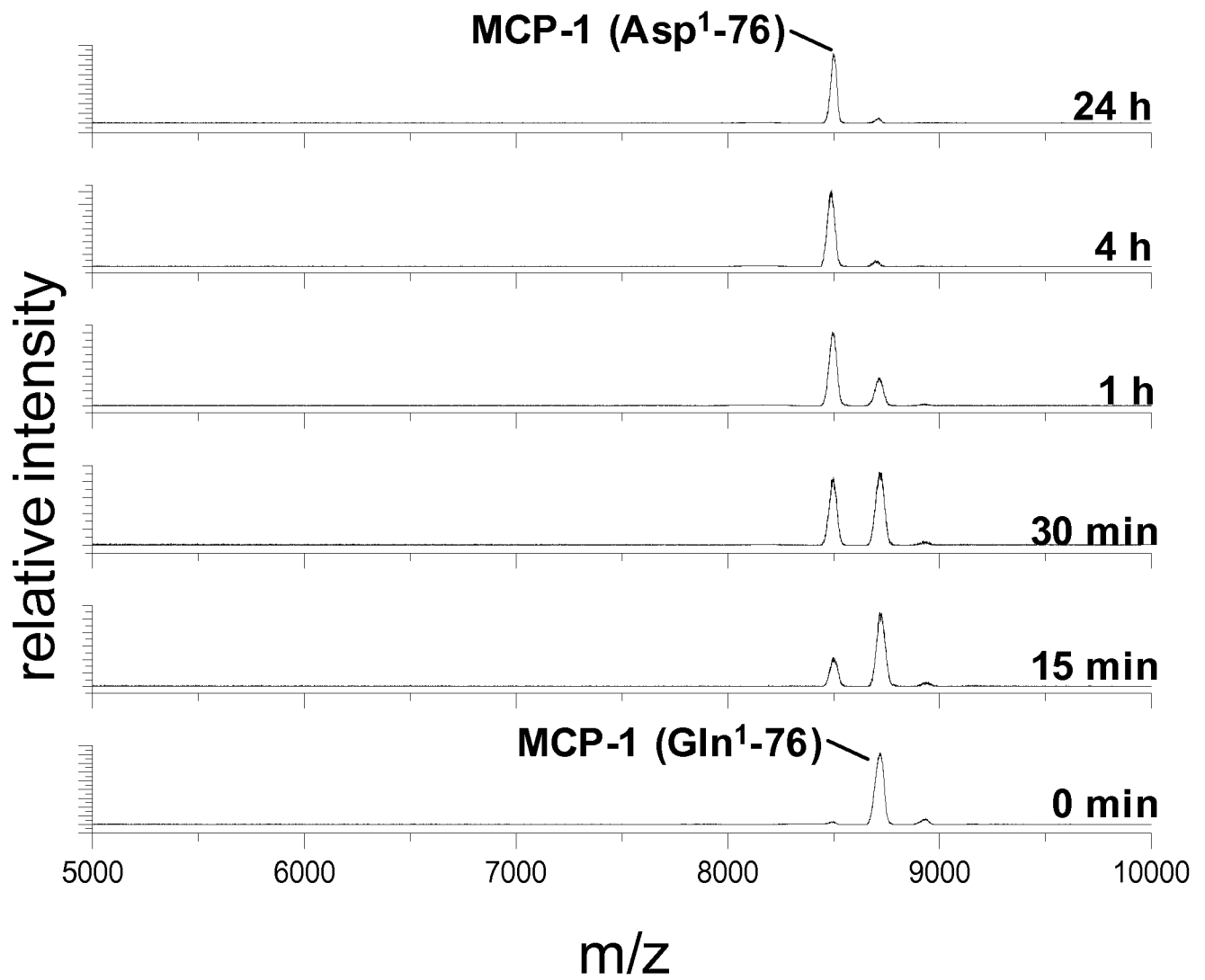


Figure 1B

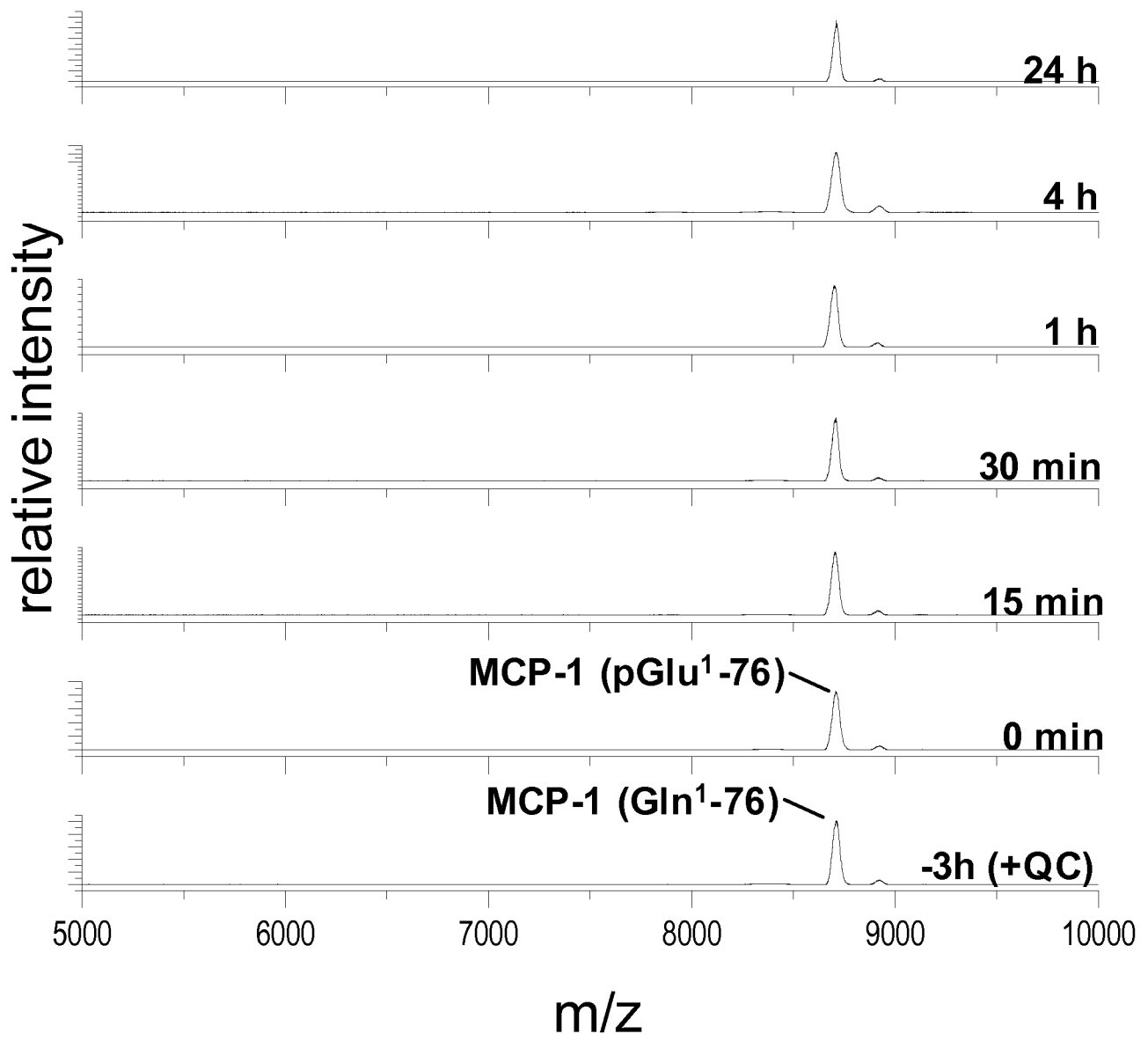


Figure 2A

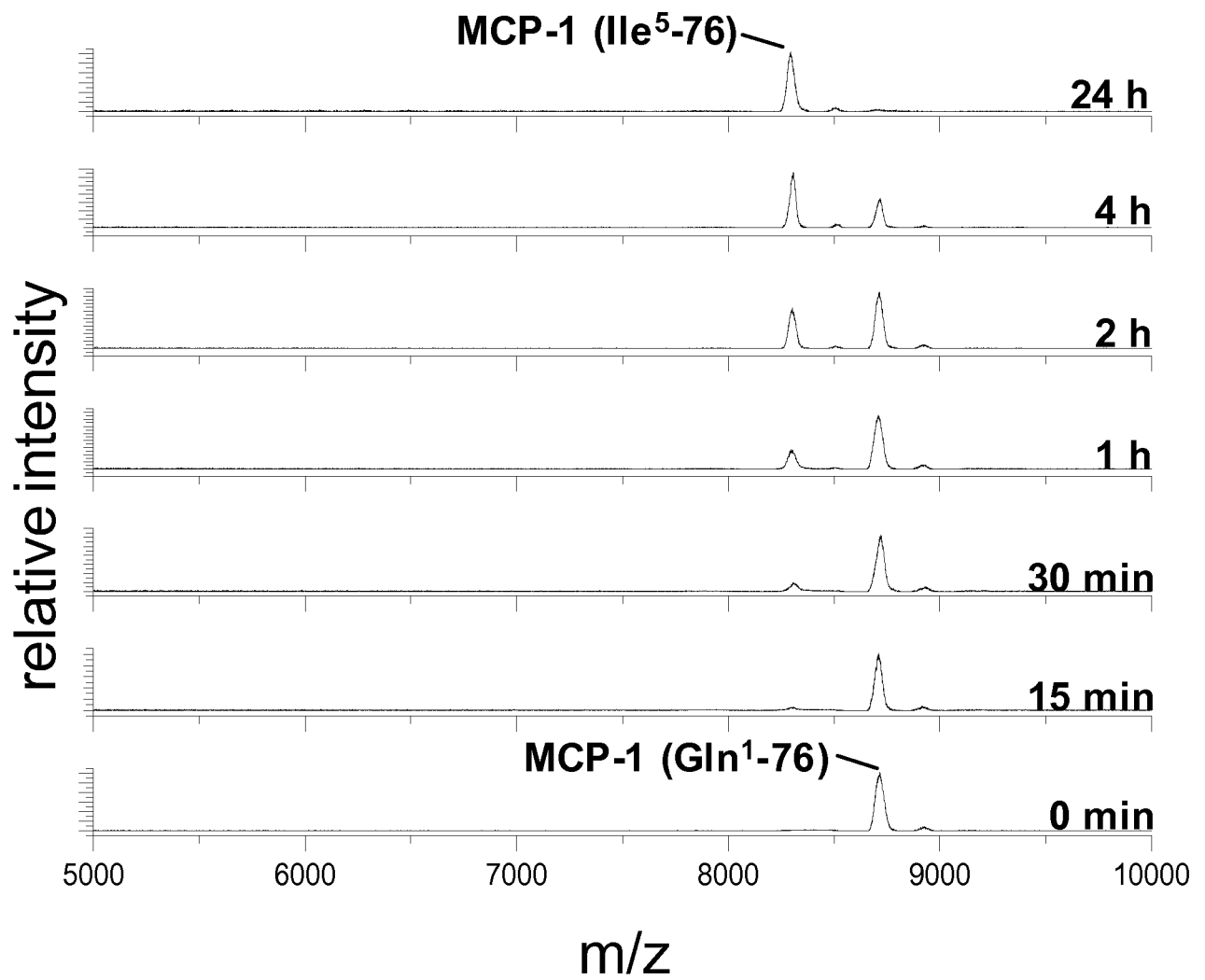


Figure 2B

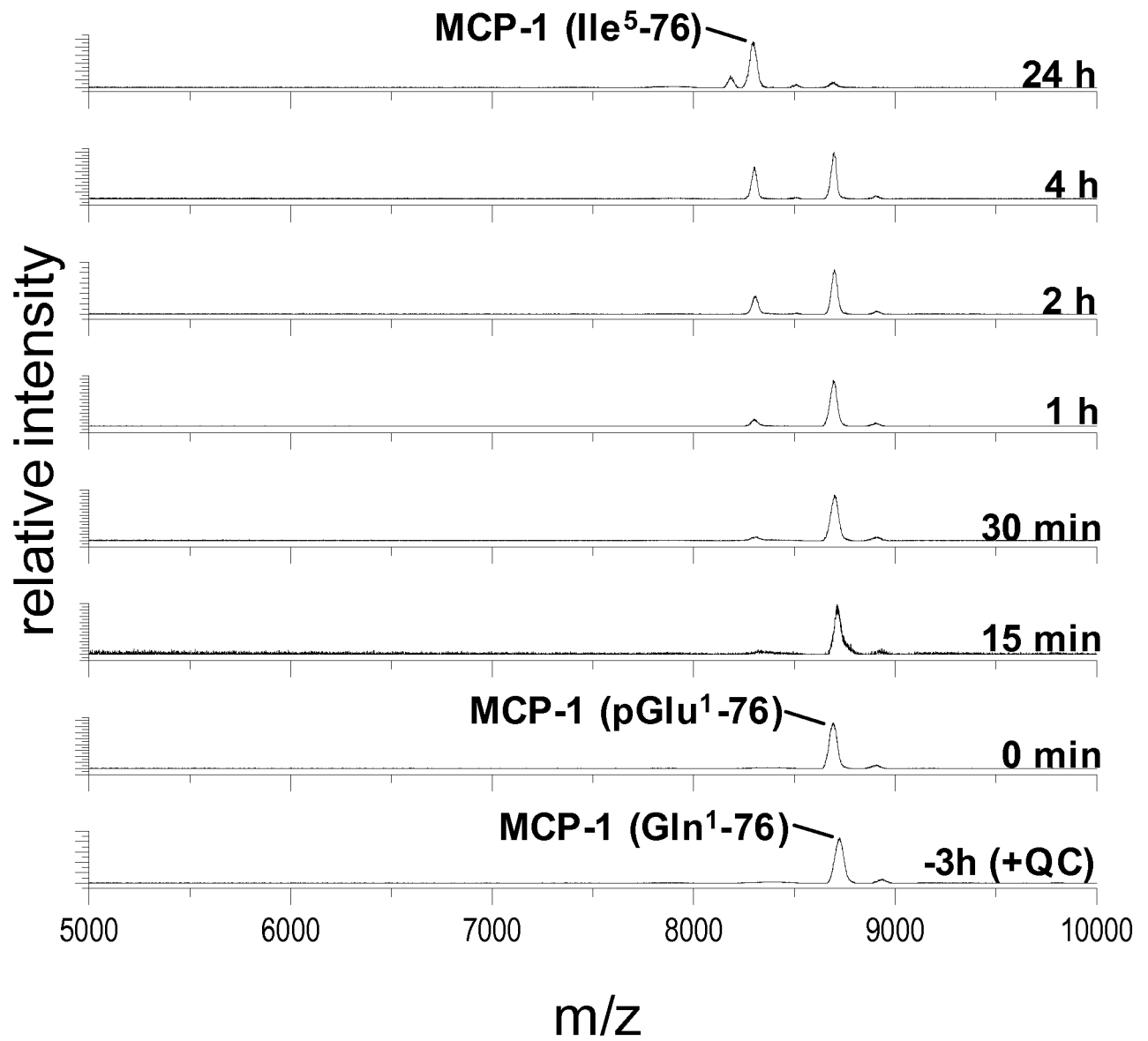


Figure 3A

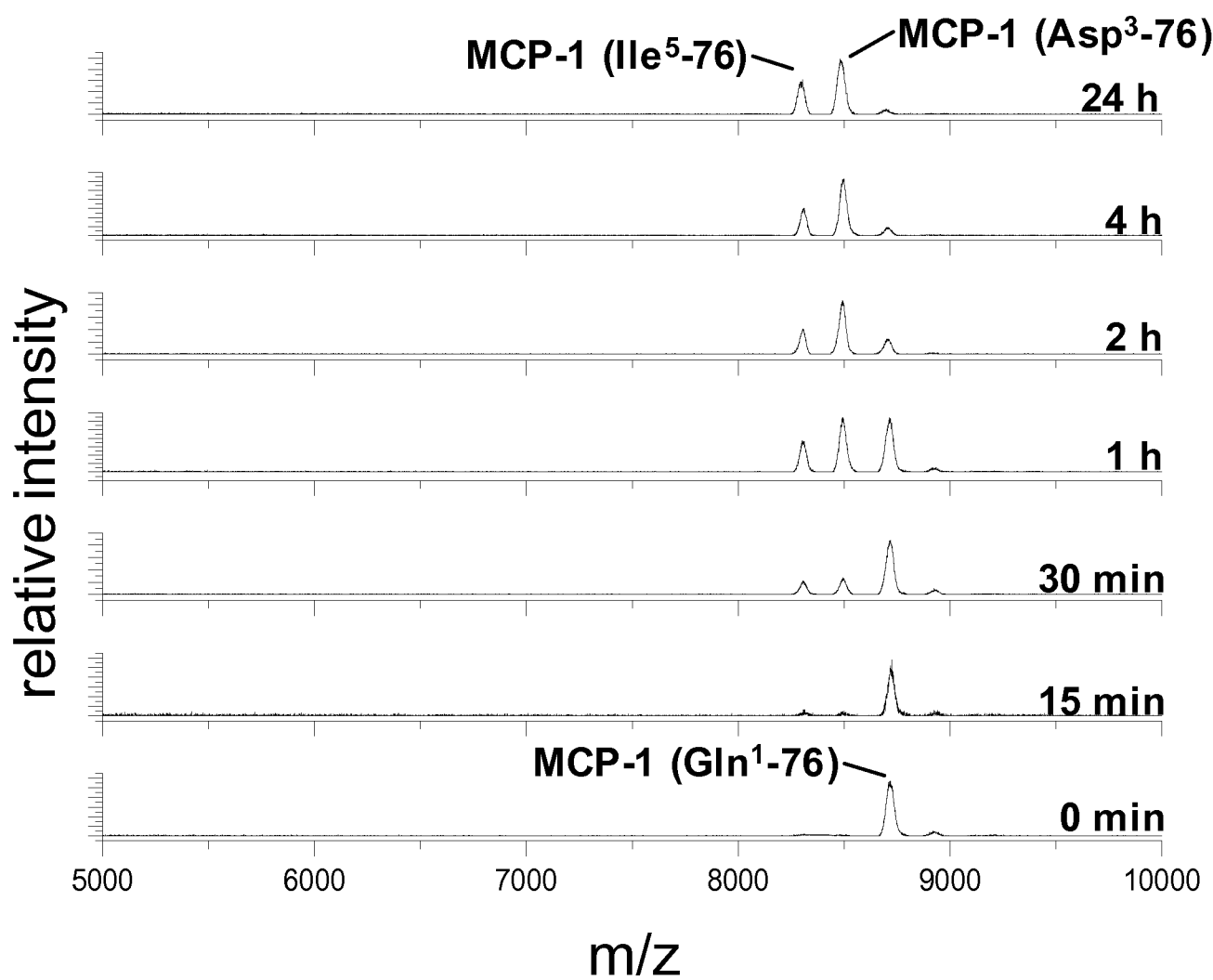


Figure 3B

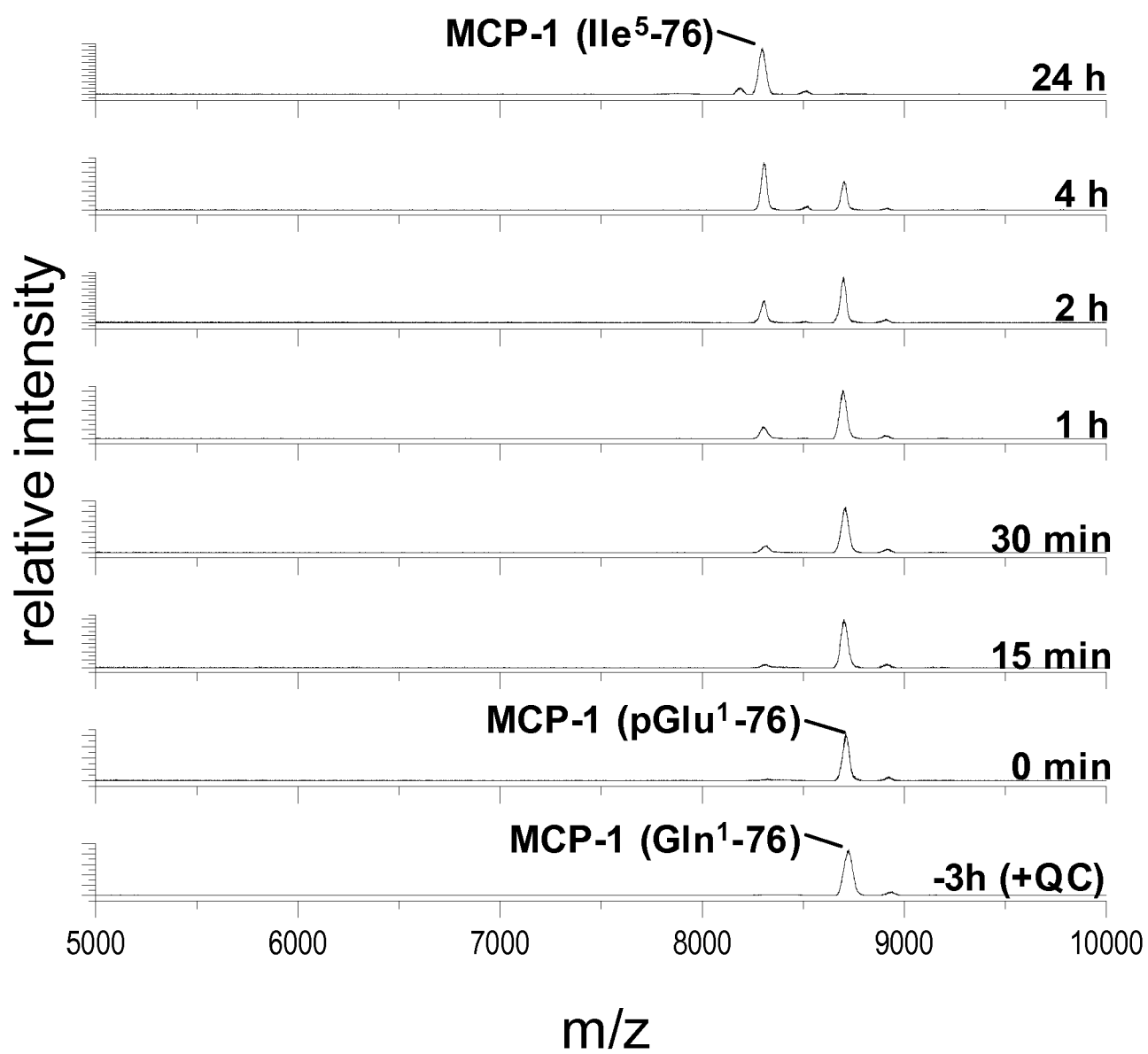


Figure 4

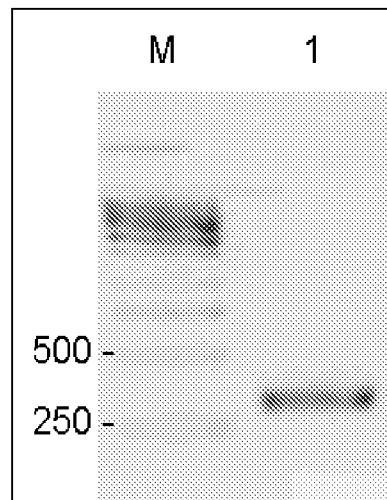


Figure 5A

ATGAAAGTCTCTGCCGCCCTTCTGTGCCT
:::~::~:
ATGAAAGTCTCTGCCGCCCTTCTGTGCCT

GCTGCTCATAGCAGCCACCTTCATTCCCCAAGGGCTCGCTCAGCCAGATGCAATCAATGC
 ::
 GCTGCTCATAGCAGCCACCTTCATTCCCCAAGGGCTCGCTCAGCCAGATGCAATCAATGC

[illegible]

CTATAGAAGAATCACCAGCAGCAAGTGTCCCAAAGAAGCTGTGATCTTCAAGACCATTGT
 ::
 CTATAGAAGAATCACCAGCAGCAAGTGTCCCAAAGAAGCTGTGATCTTCAAGACCATTGT

GGCCAAGGAGATCTGTGCTGACCCCAAGCAGAAGTGGGTTTCAGGATTCCATGGACCACCT
 ::
 GGCCAAGGAGATCTGTGCTGACCCCAAGCAGAAGTGGGTTTCAGGATTCCATGGACCACCT

GGACAAGCAAACCCAAACTCCGAAGACTTGA
:::~::~:
GGACAAGCAAACCCAAACTCCGAAGACTTGA

Figure 5B

SY5Y	MK ^Q SAALLCLLLIAATFIPQGLAQPDAINAPVTCCYNFTNRKISVQRL
WT	MKVSAALLCLLLIAATFIPQGLAQPDAINAPVTCCYNFTNRKISVQRL

SY5Y	ASYRRITSSKCPKEAVIFKTIVAKEICADPKQKWVQDSMDHLDKQTQTPKT
WT	ASYRRITSSKCPKEAVIFKTIVAKEICADPKQKWVQDSMDHLDKQTQTPKT

Figure 5C

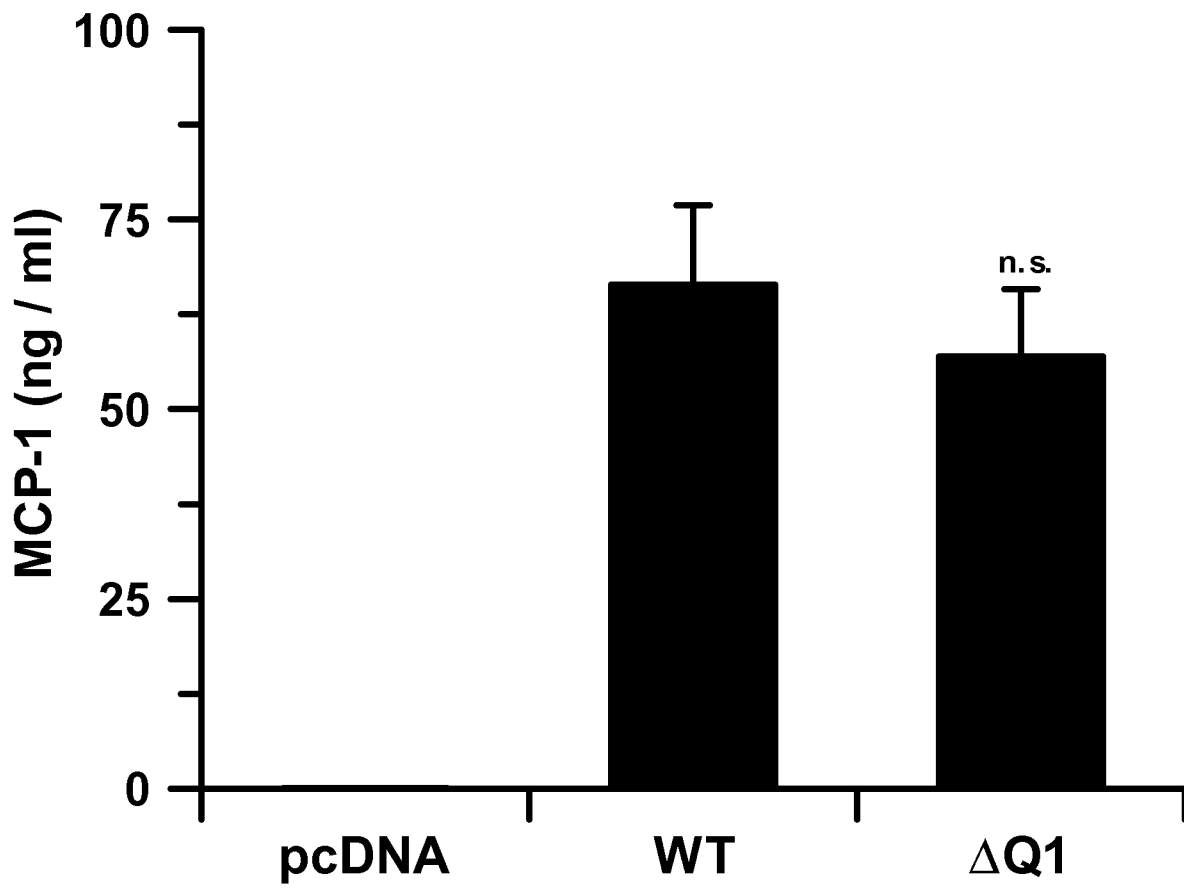


Figure 5D

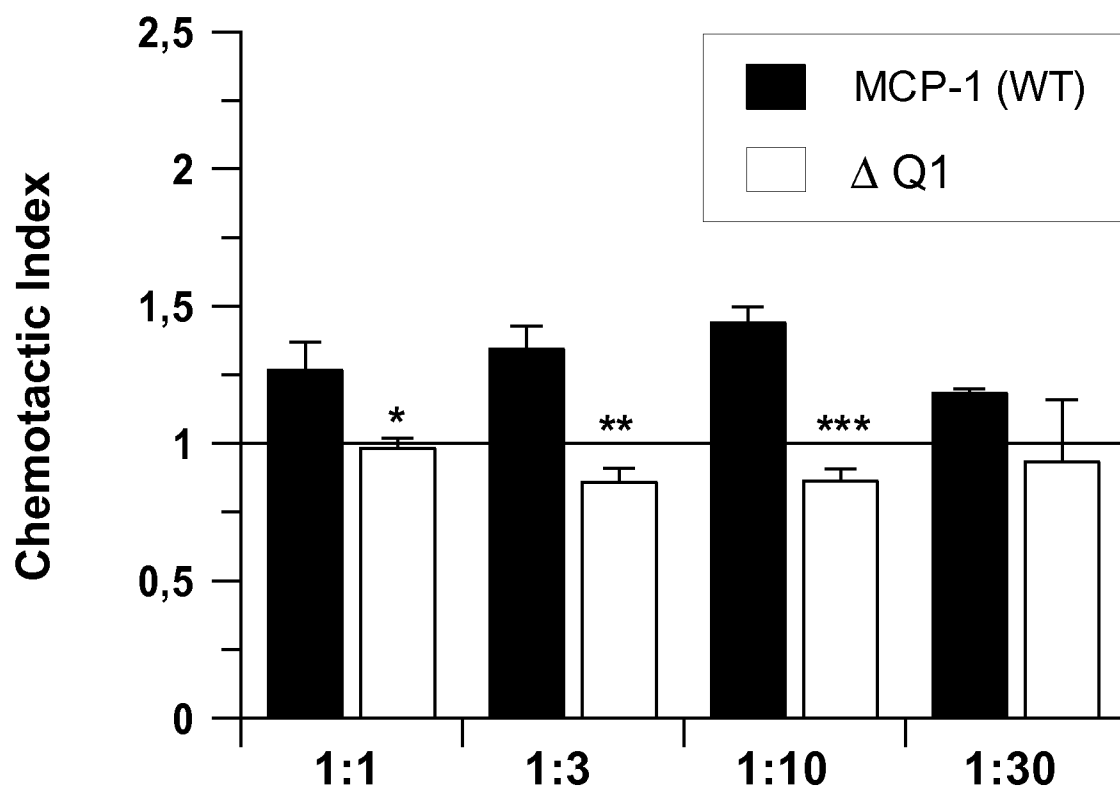


Figure 6A

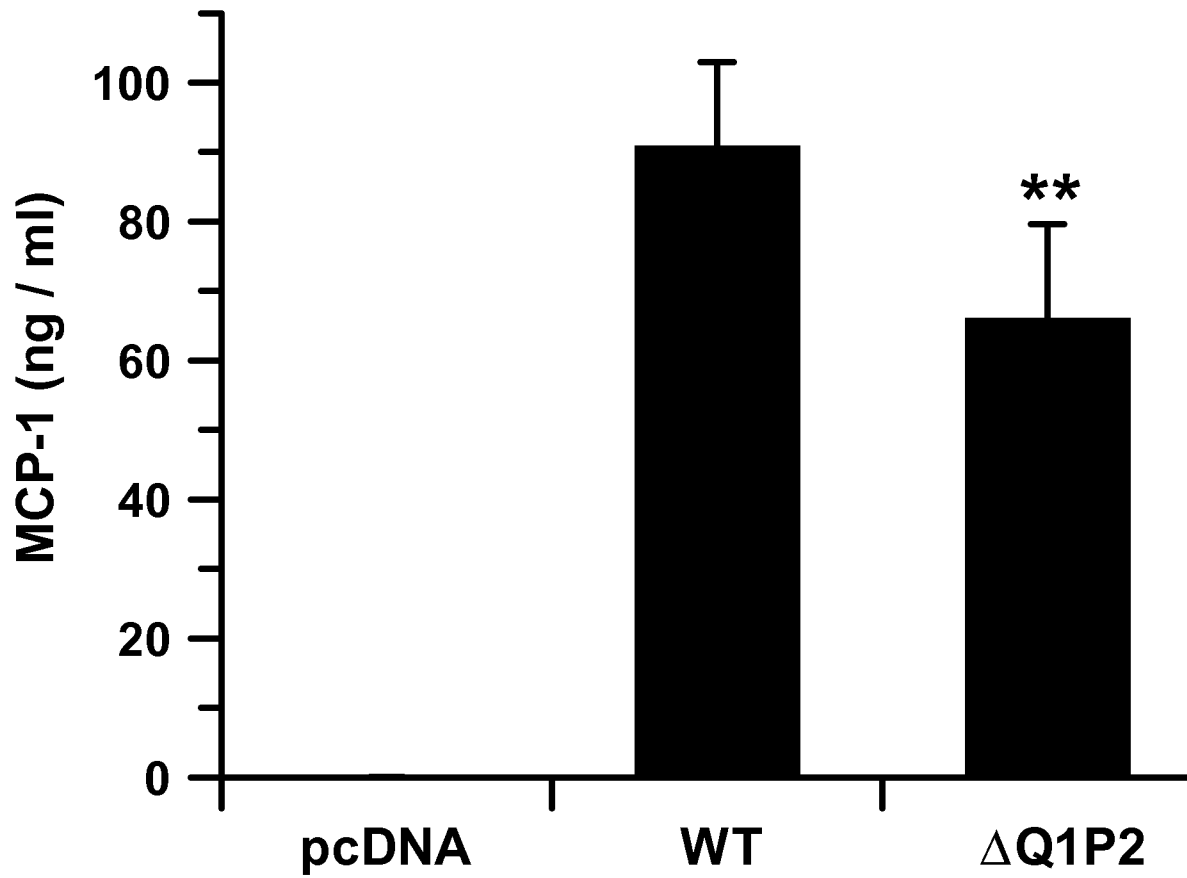


Figure 6B

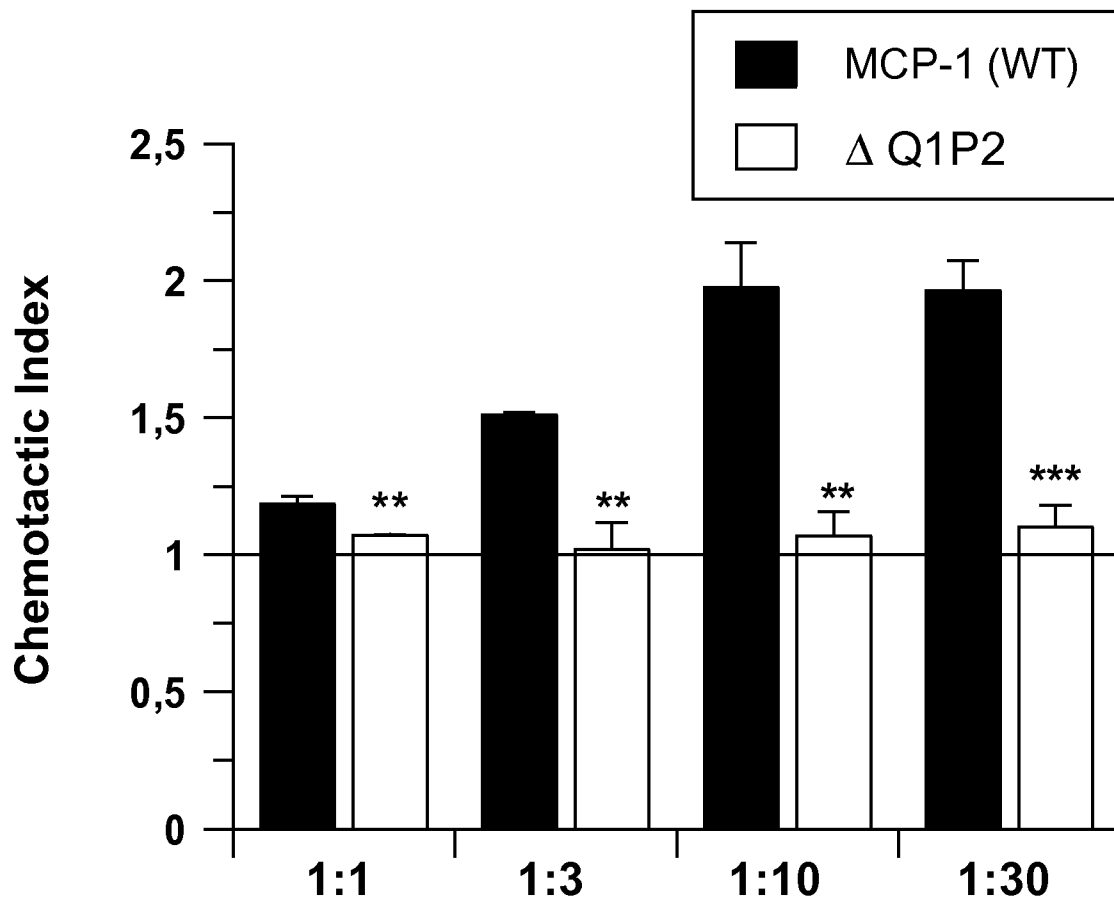


Figure 7A

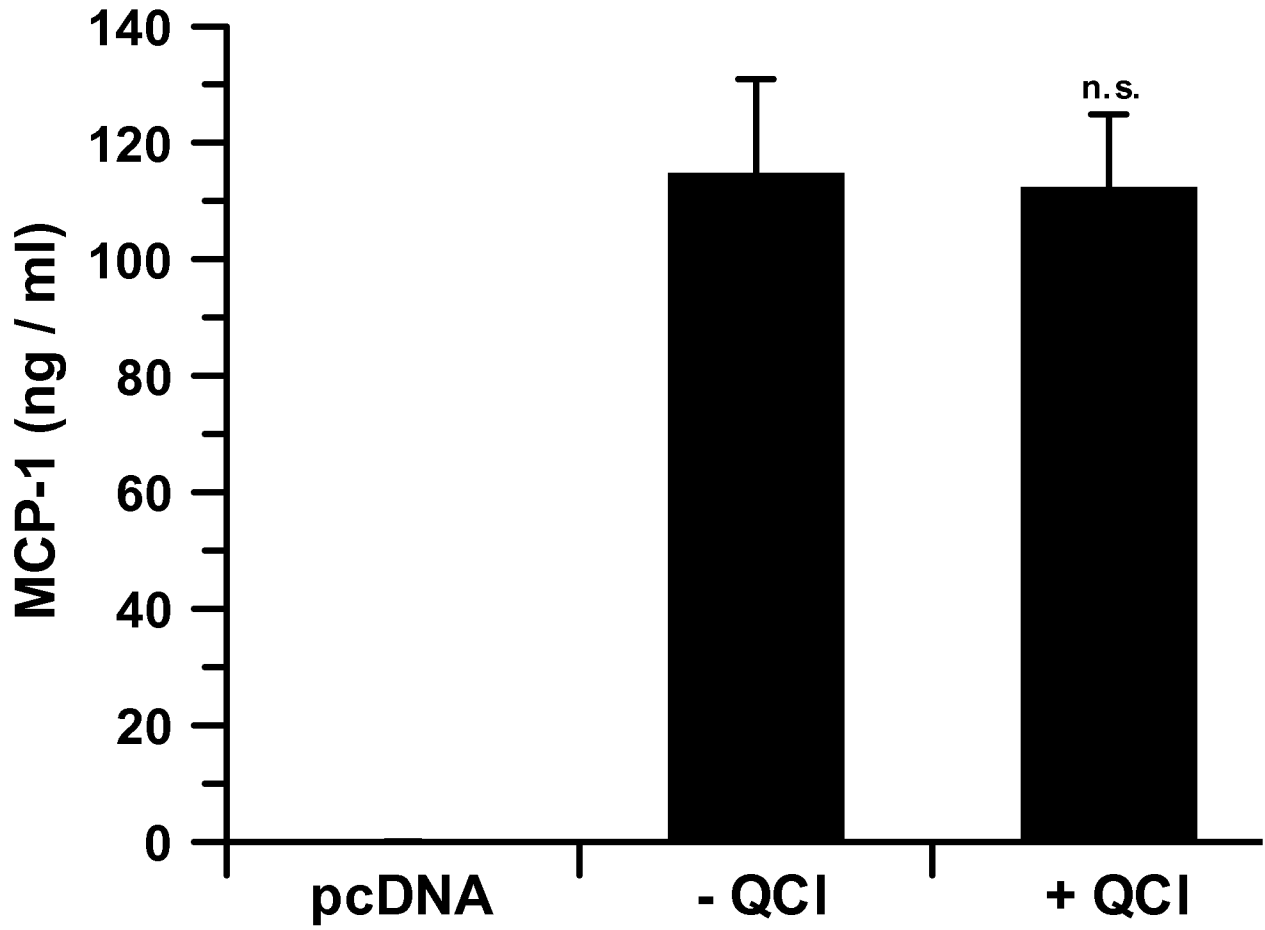


Figure 7B

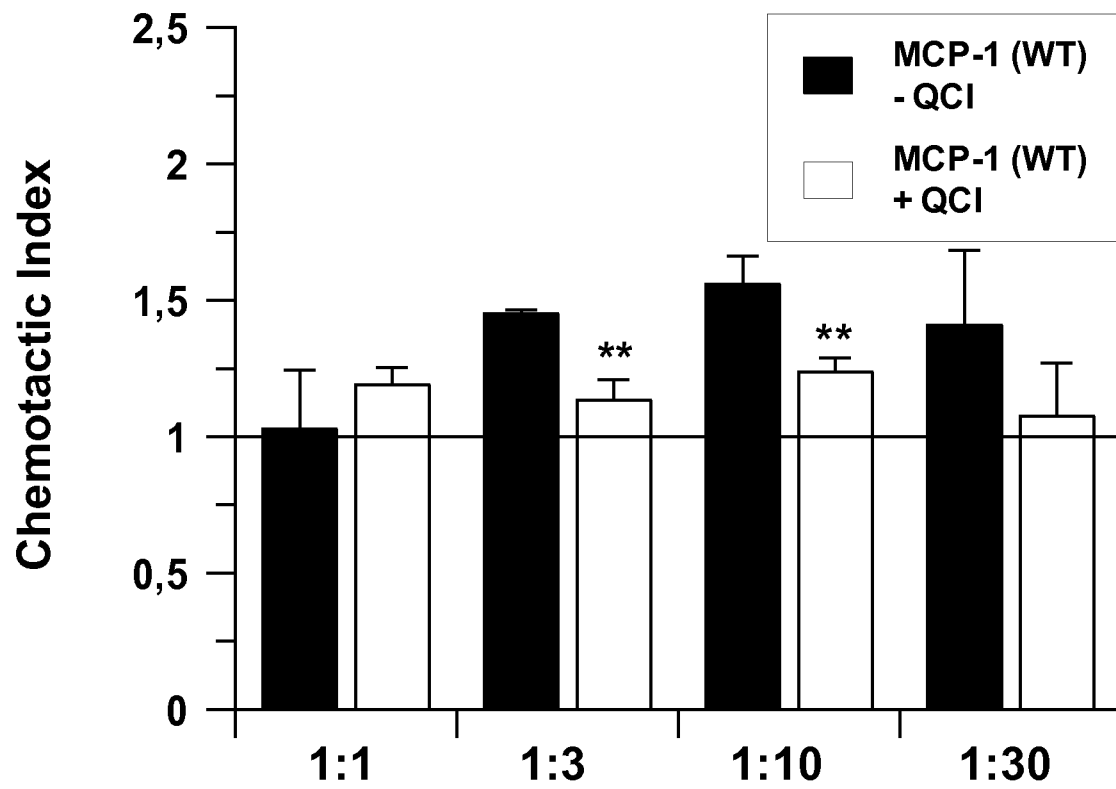


Figure 8A

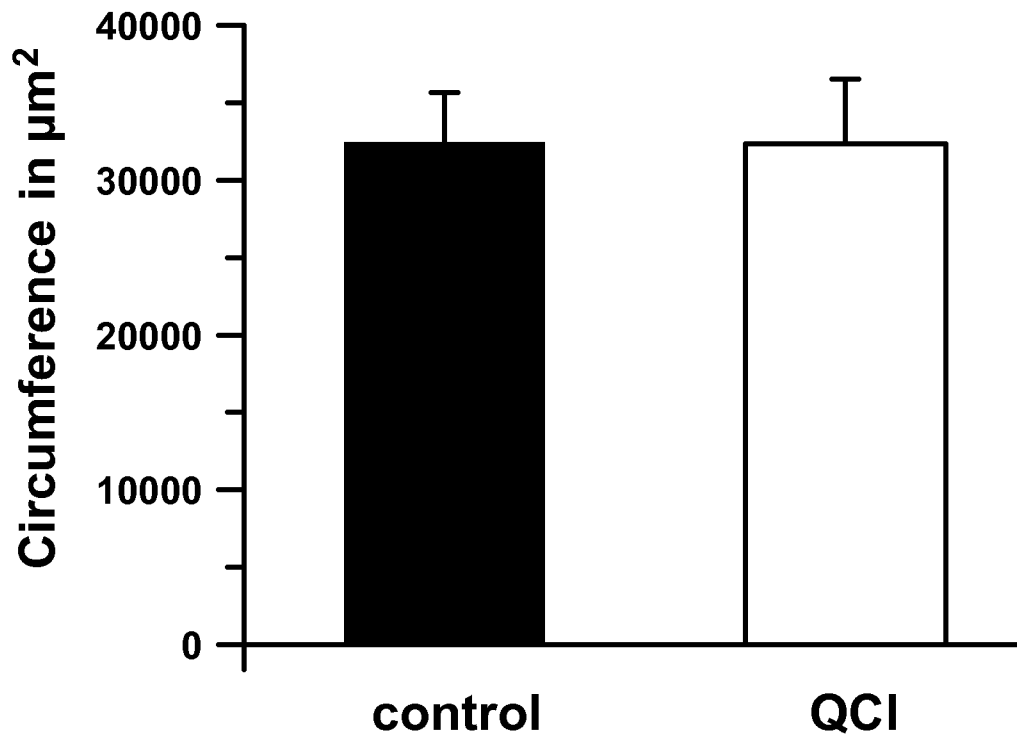


Figure 8B

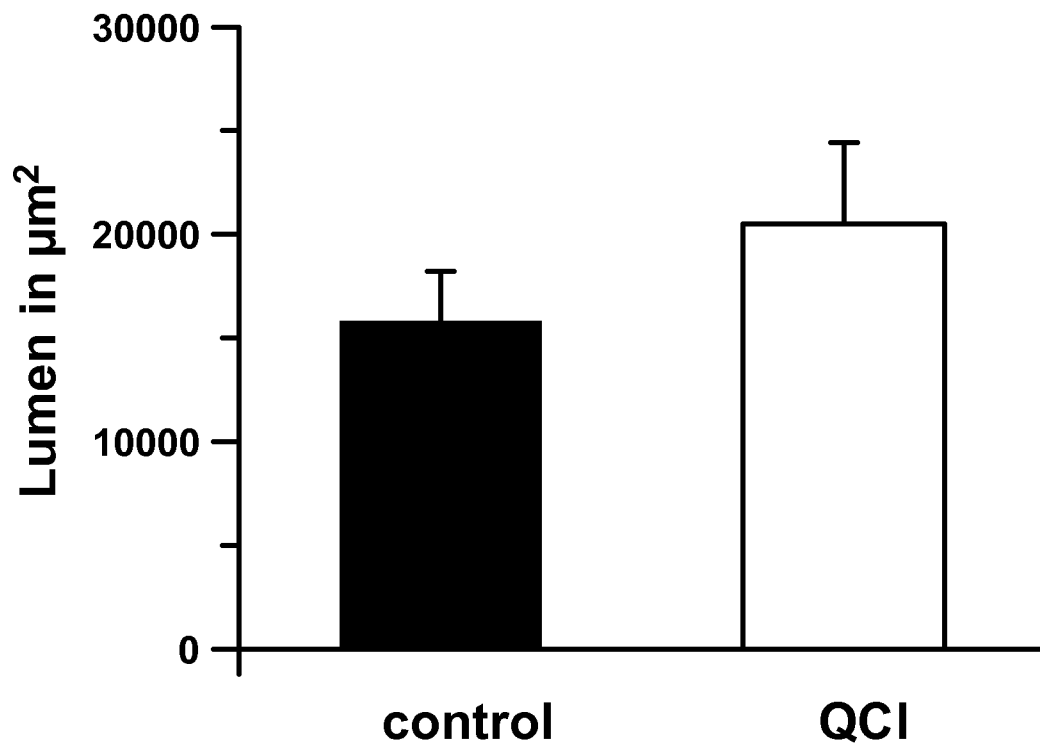


Figure 9A

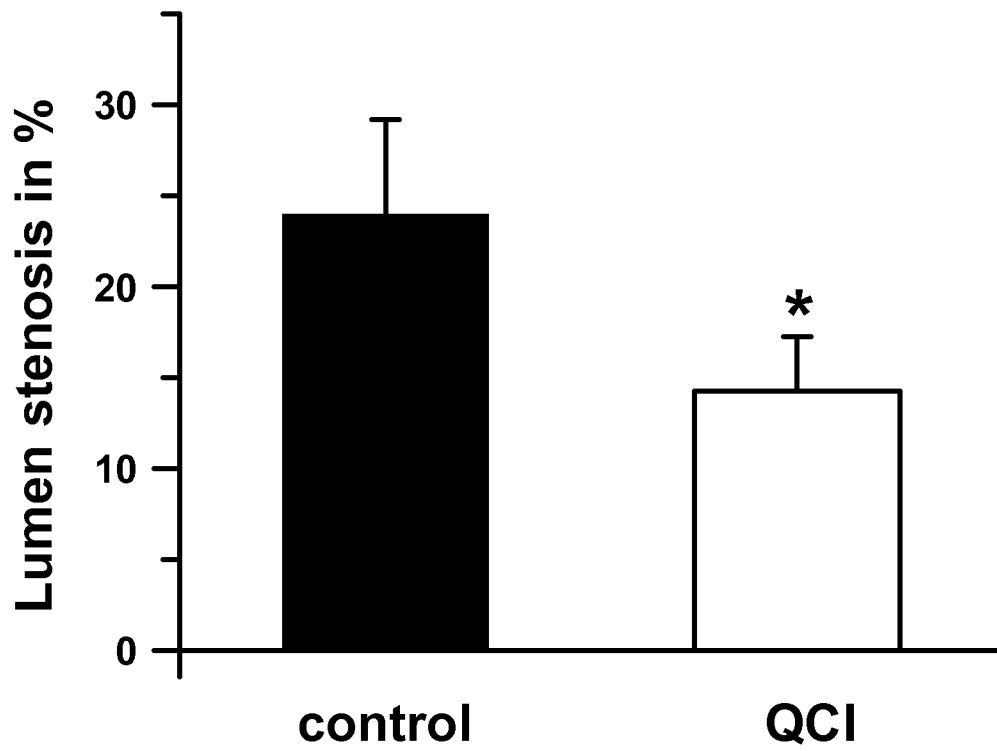


Figure 9B

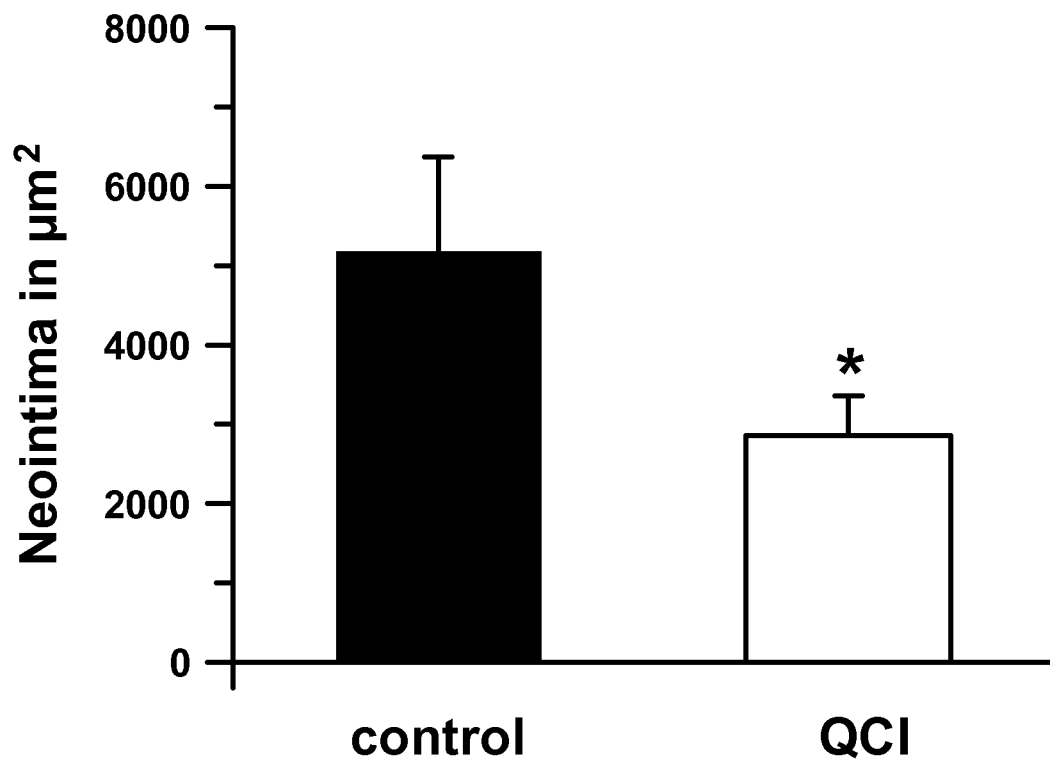


Figure 10A

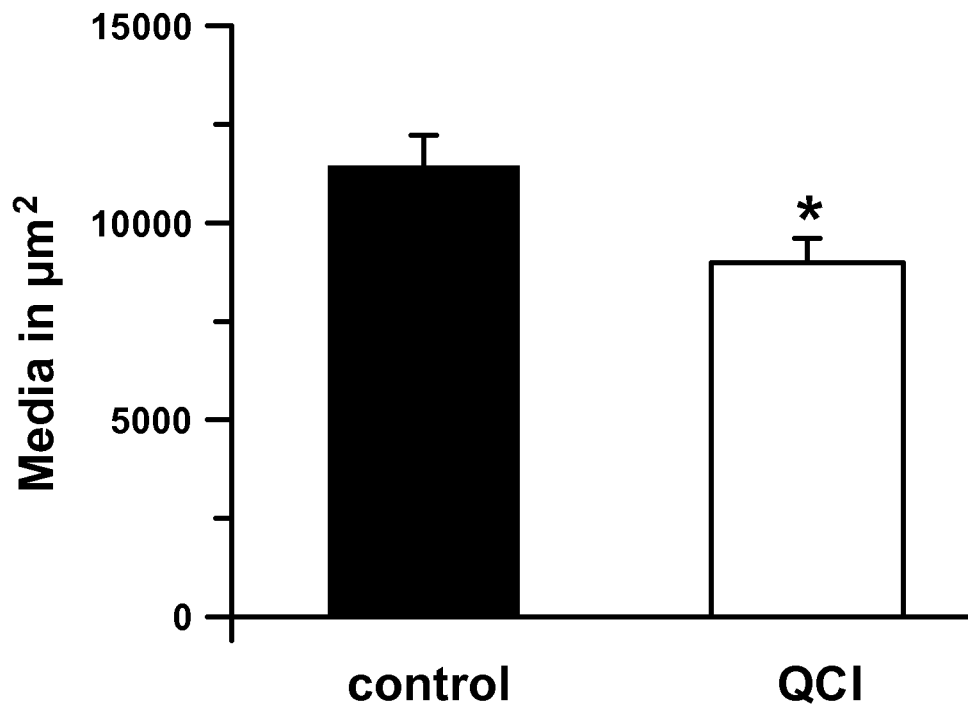


Figure 10B

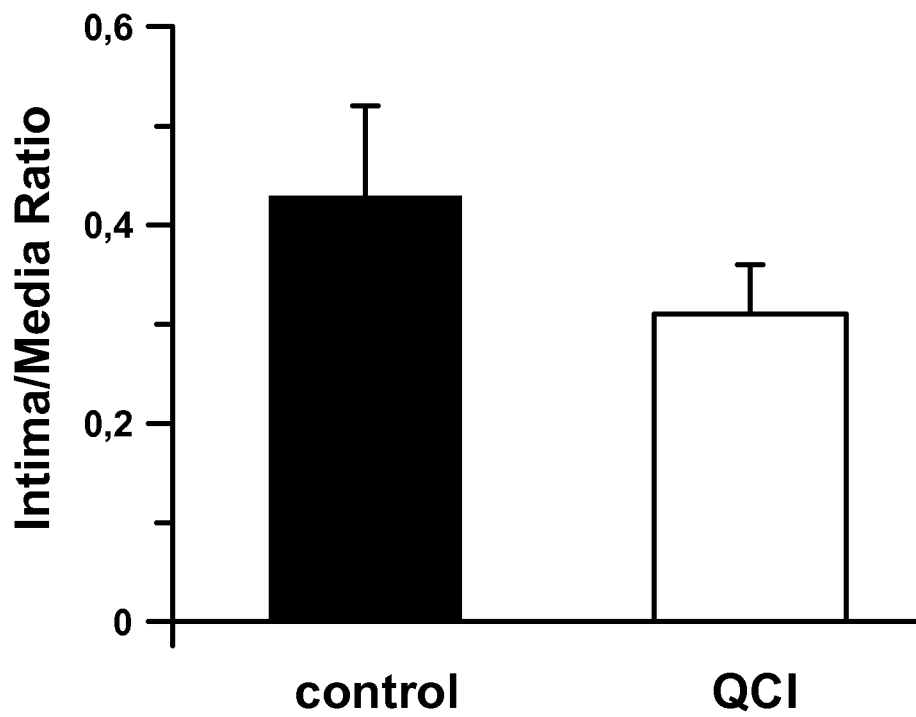


Figure 11

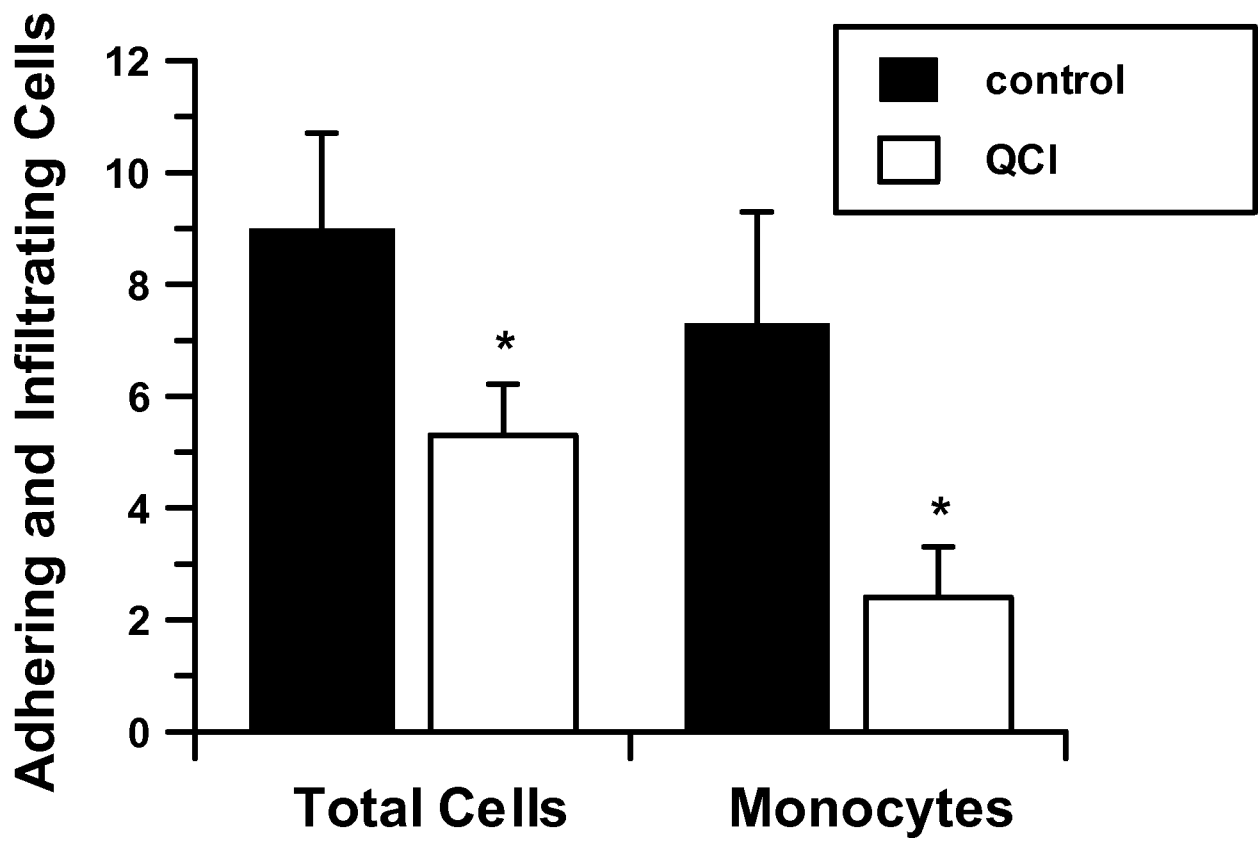


Figure 12

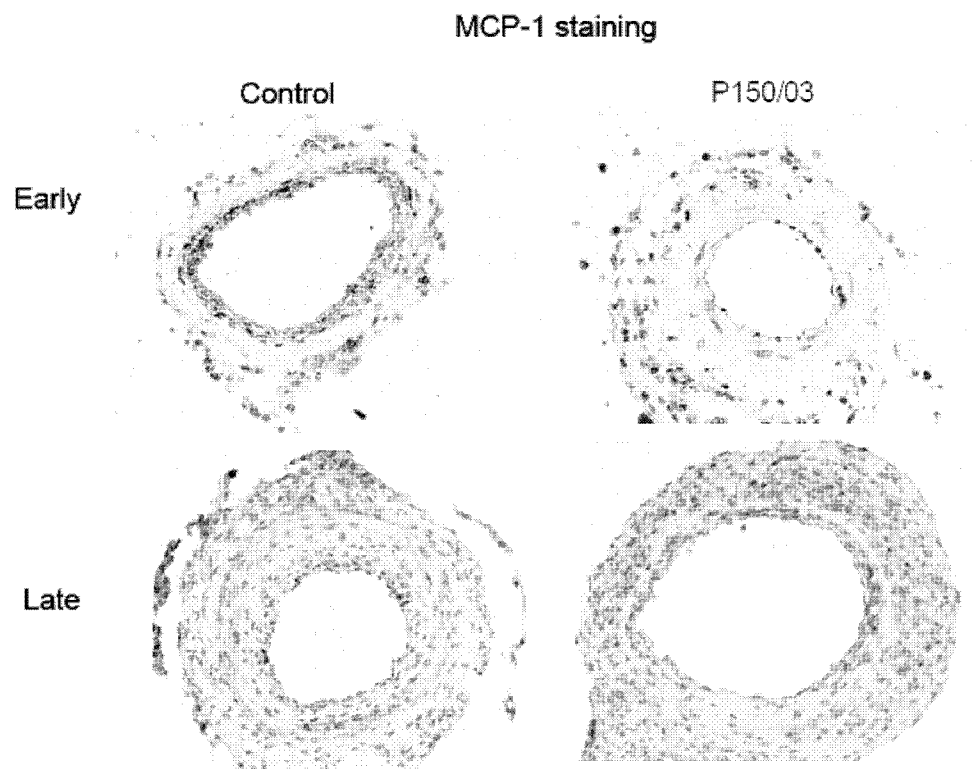


Figure 13A

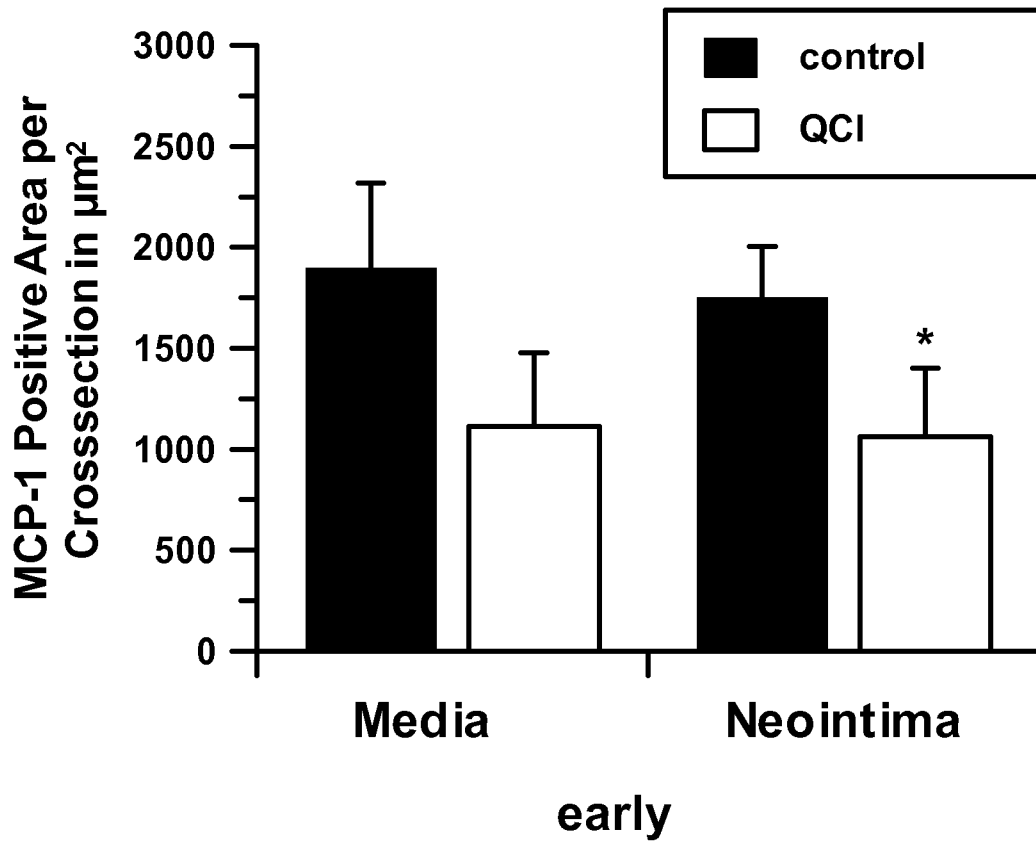


Figure 13B

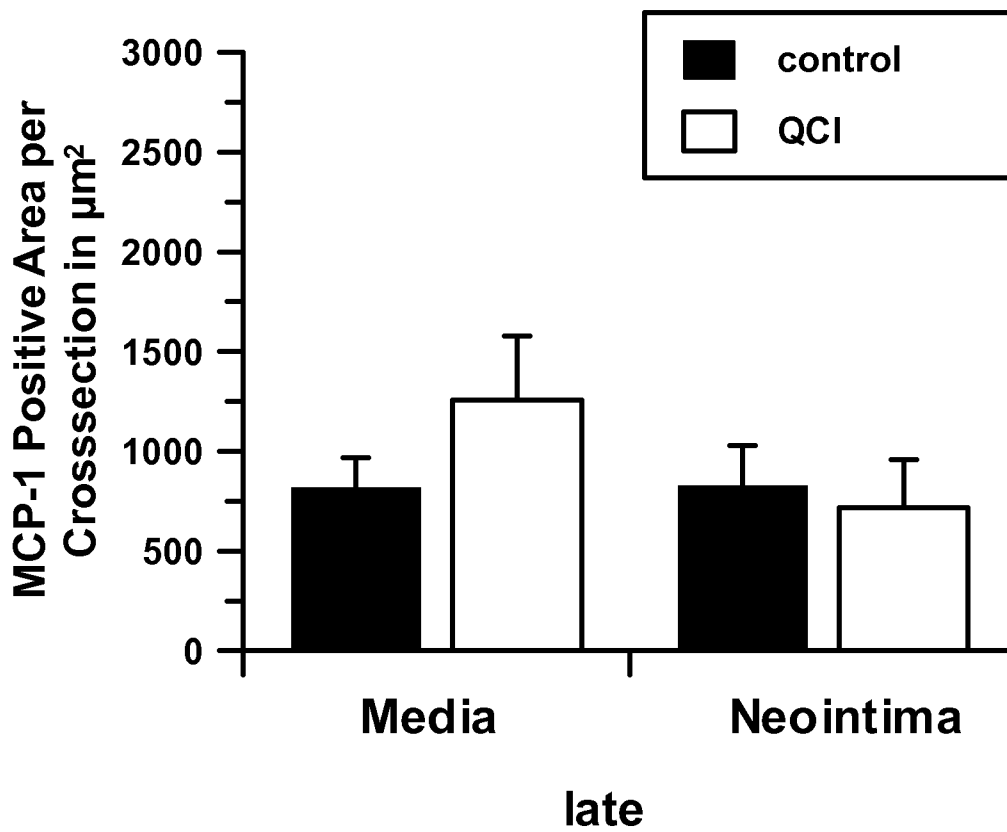


Figure 14A

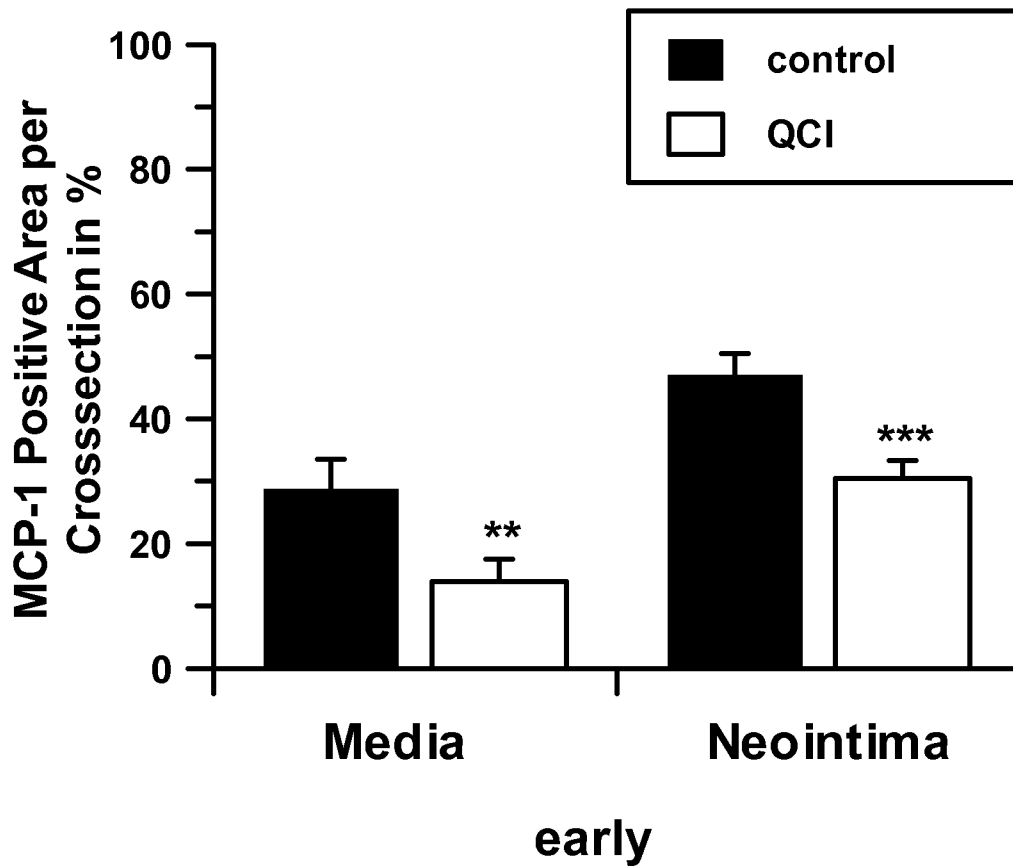


Figure 14B

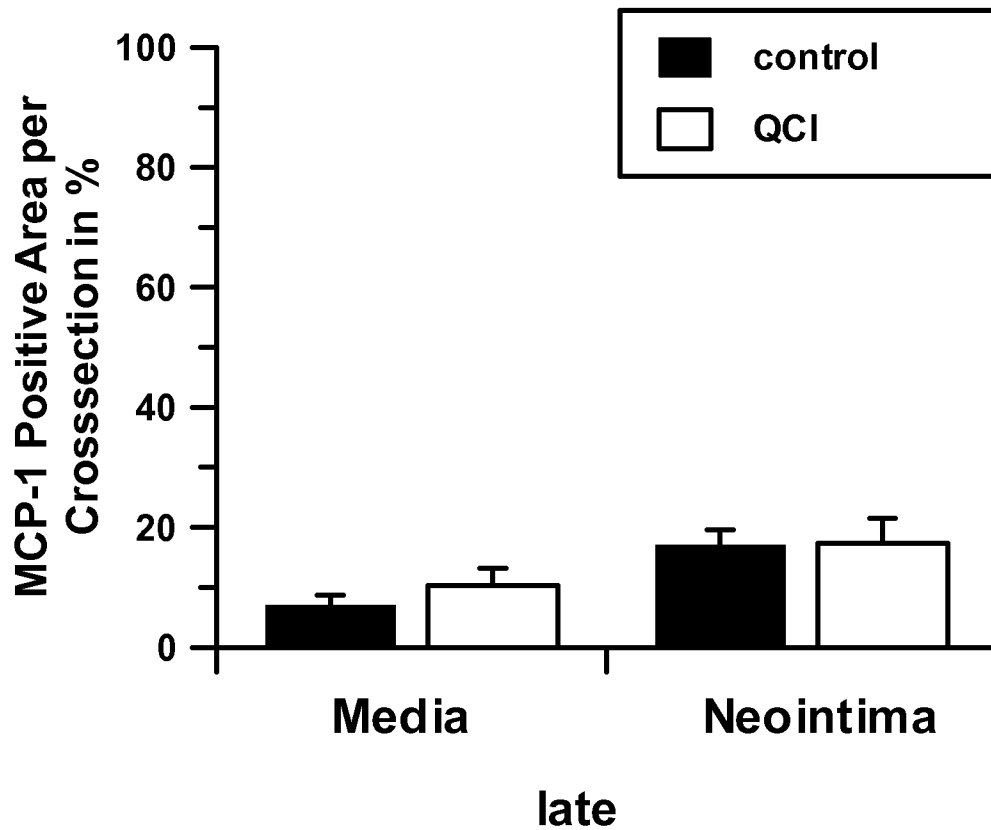


Figure 15A

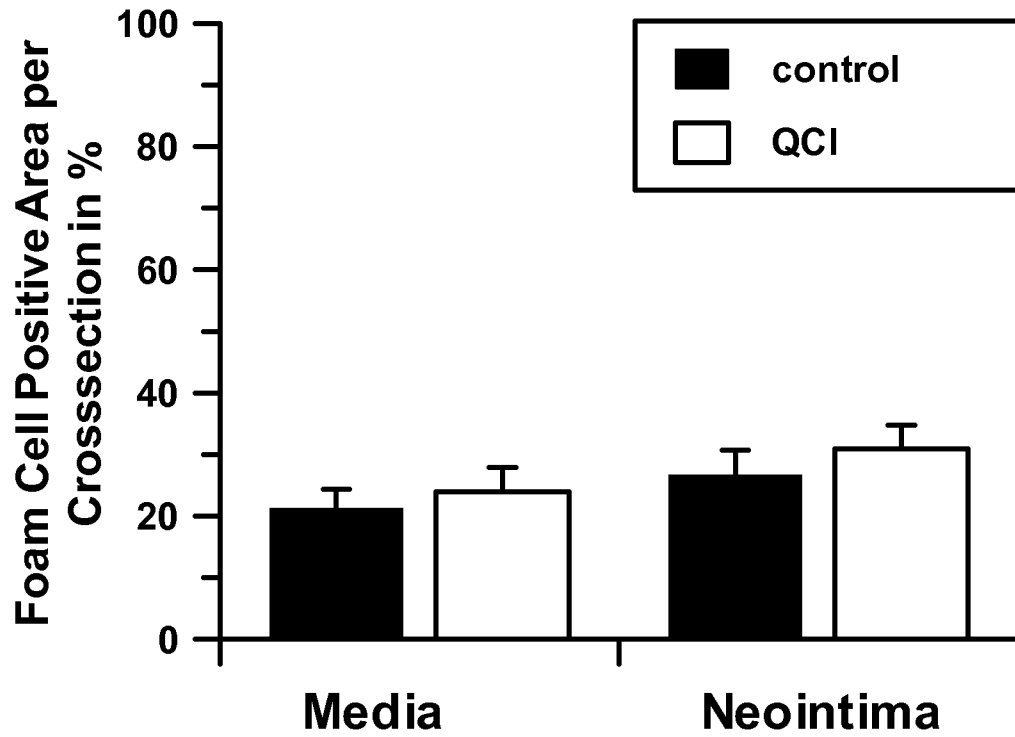


Figure 15B

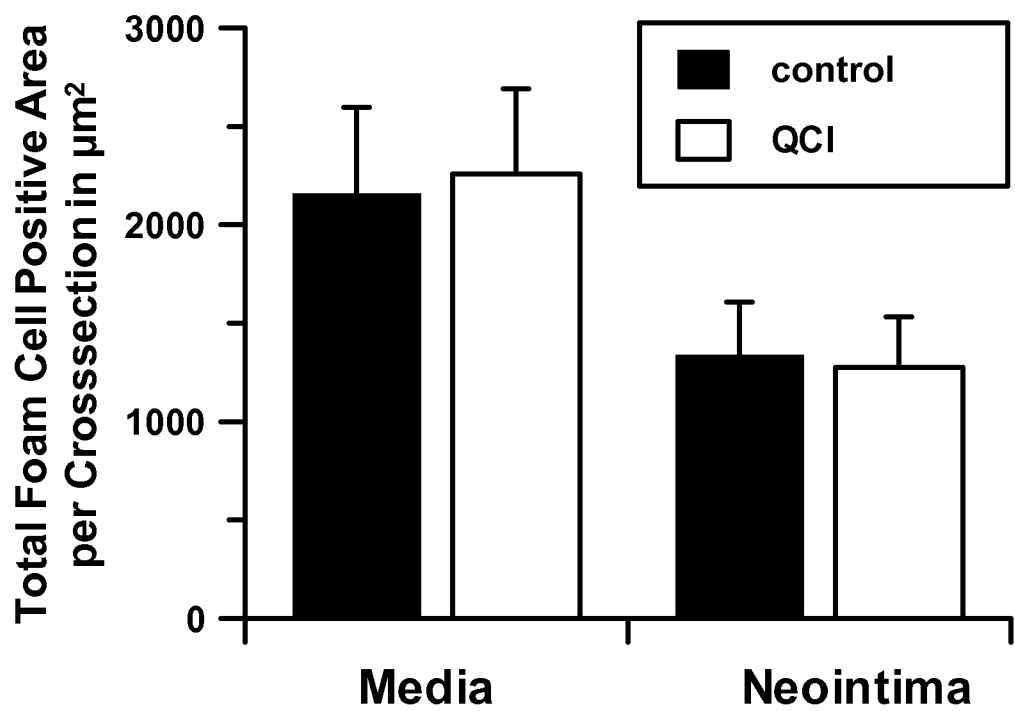


Figure 16A

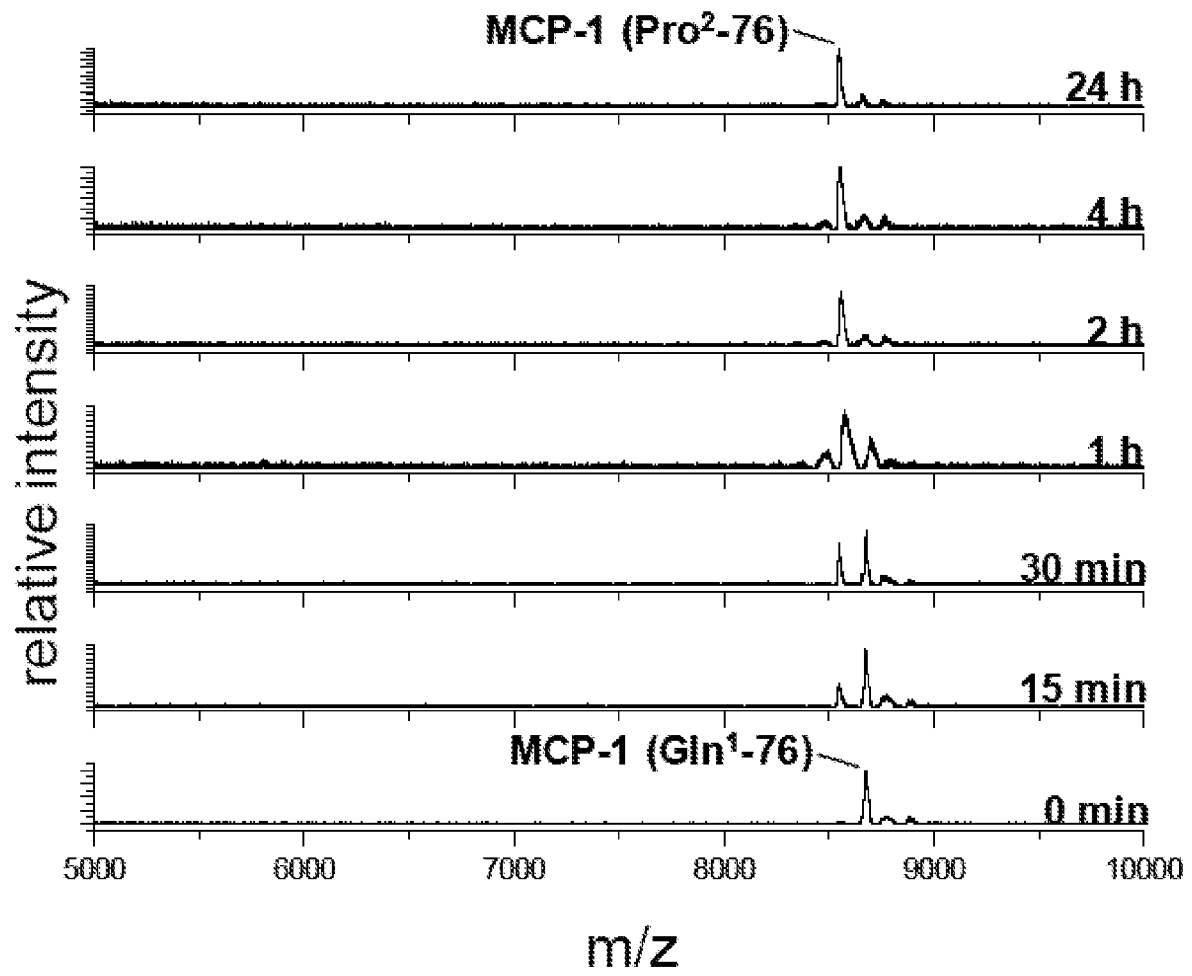


Figure 16B

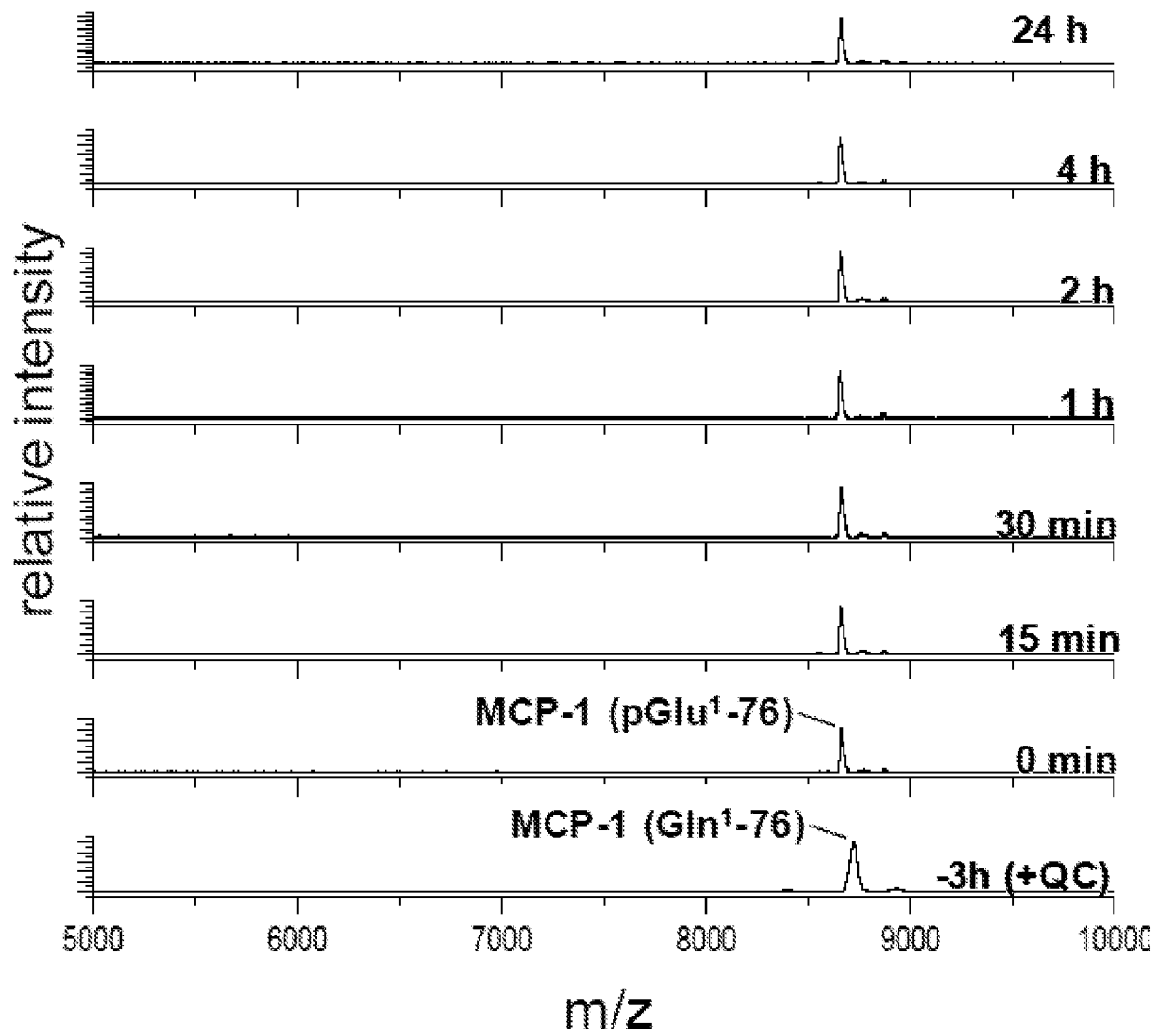


Figure 17A

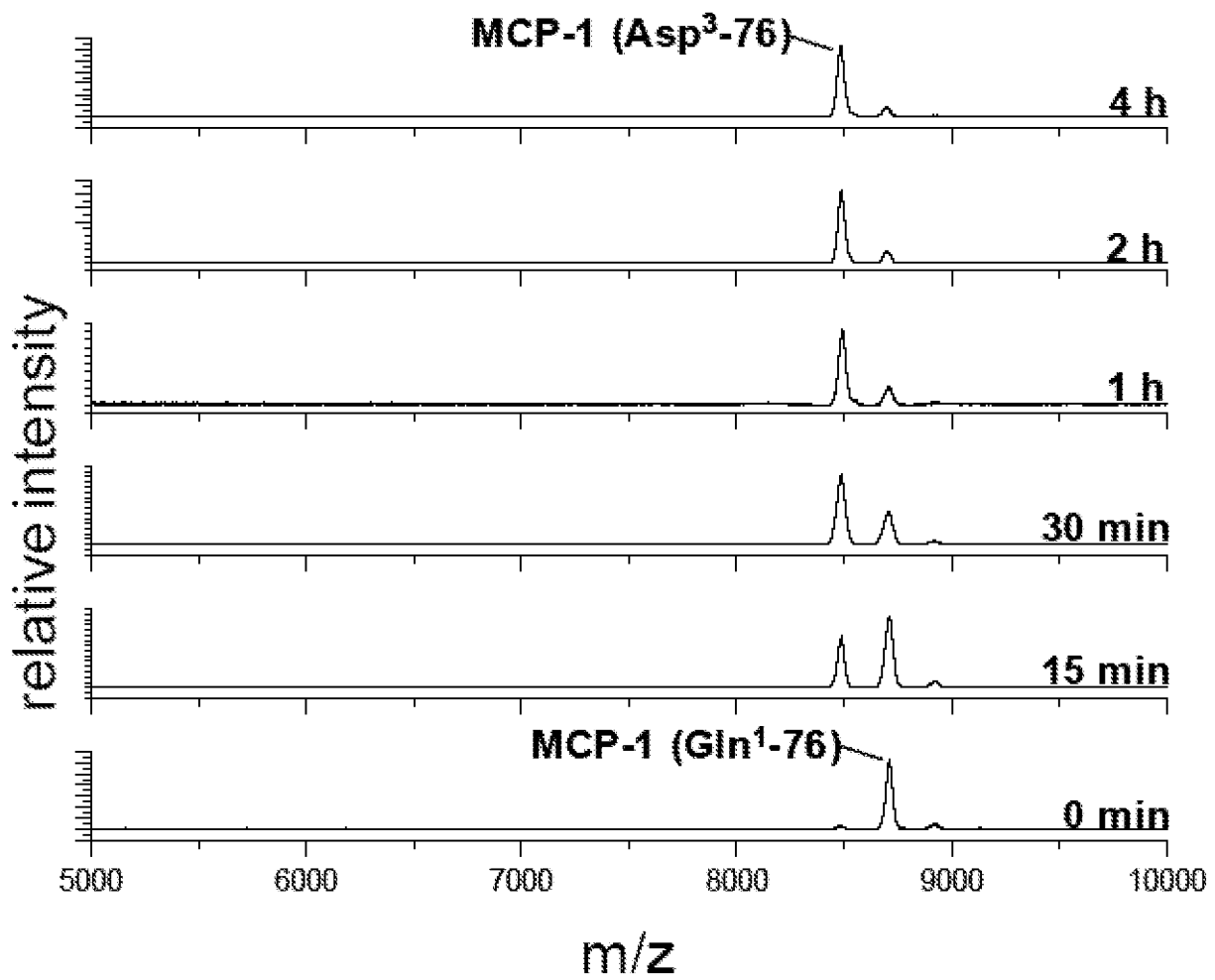


Figure 17B

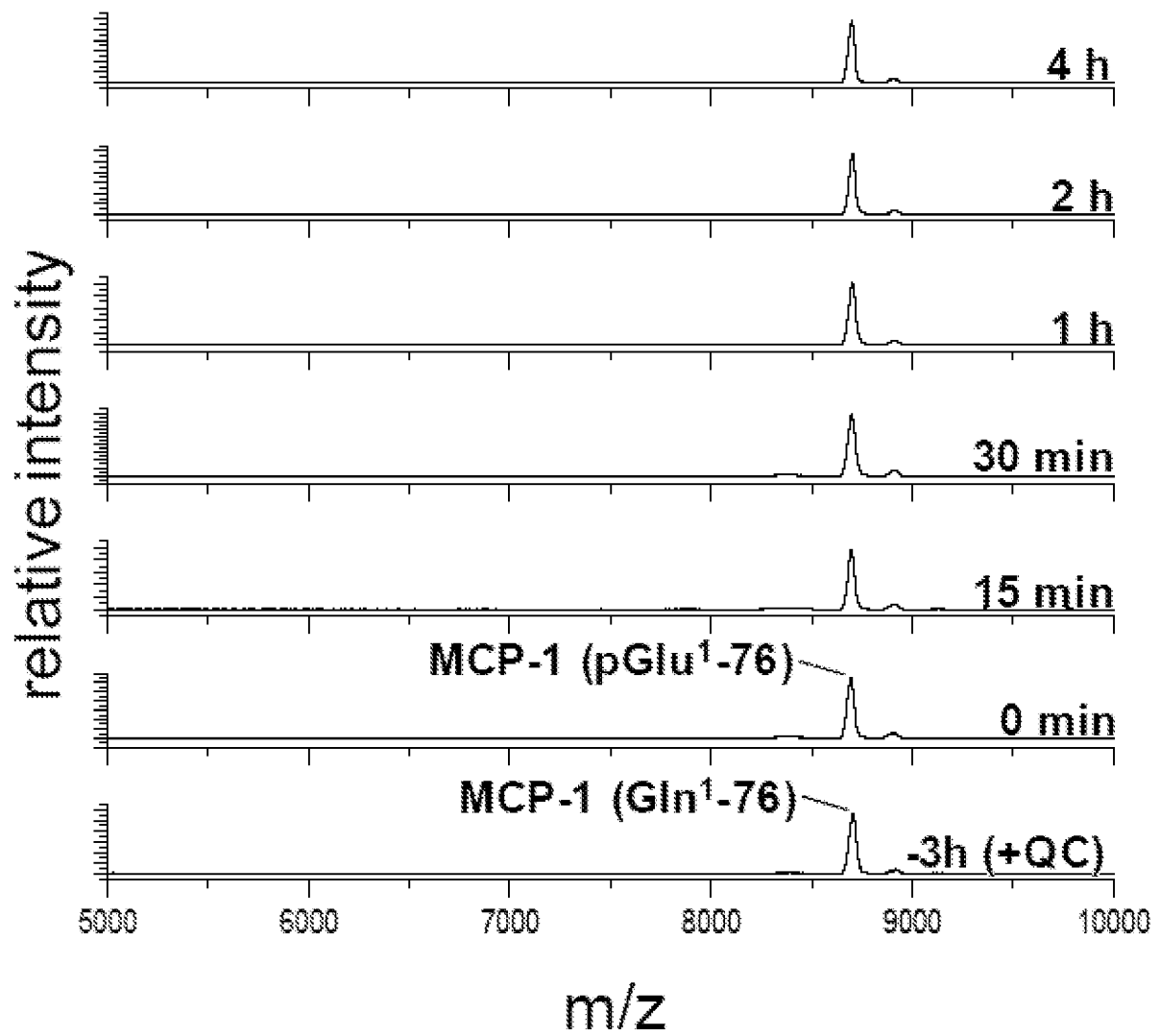


Figure 17C

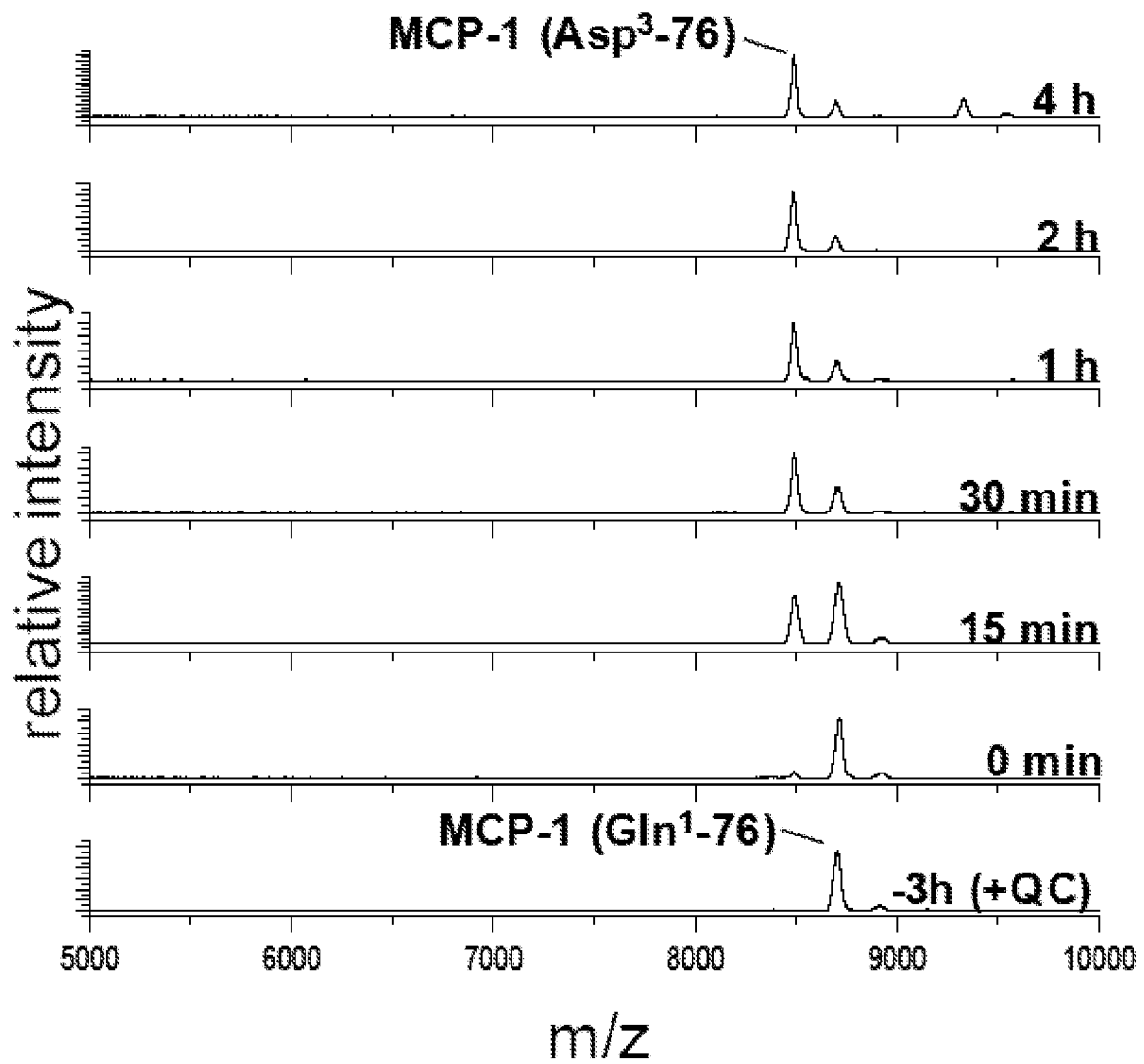


Figure 18A

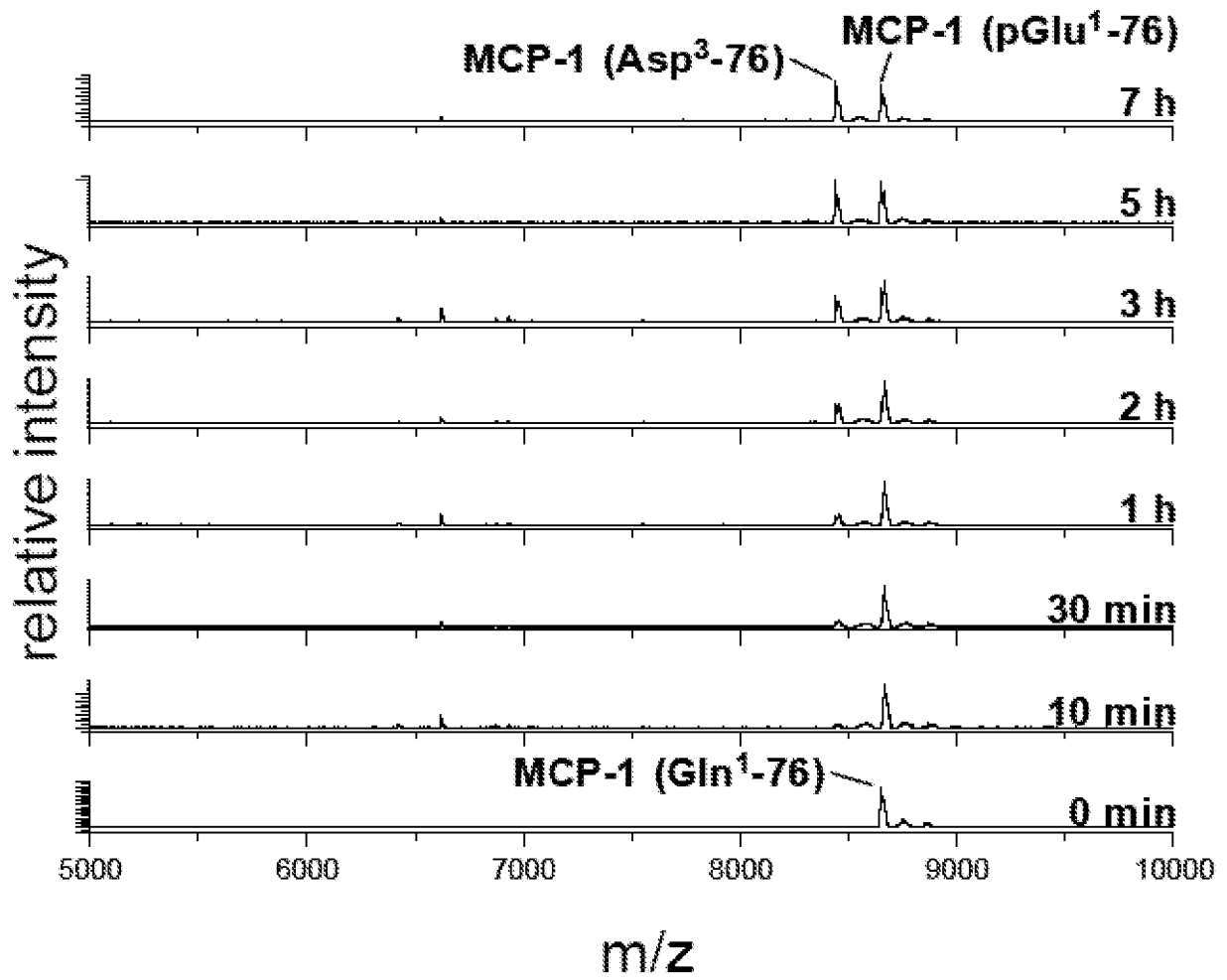


Figure 18B

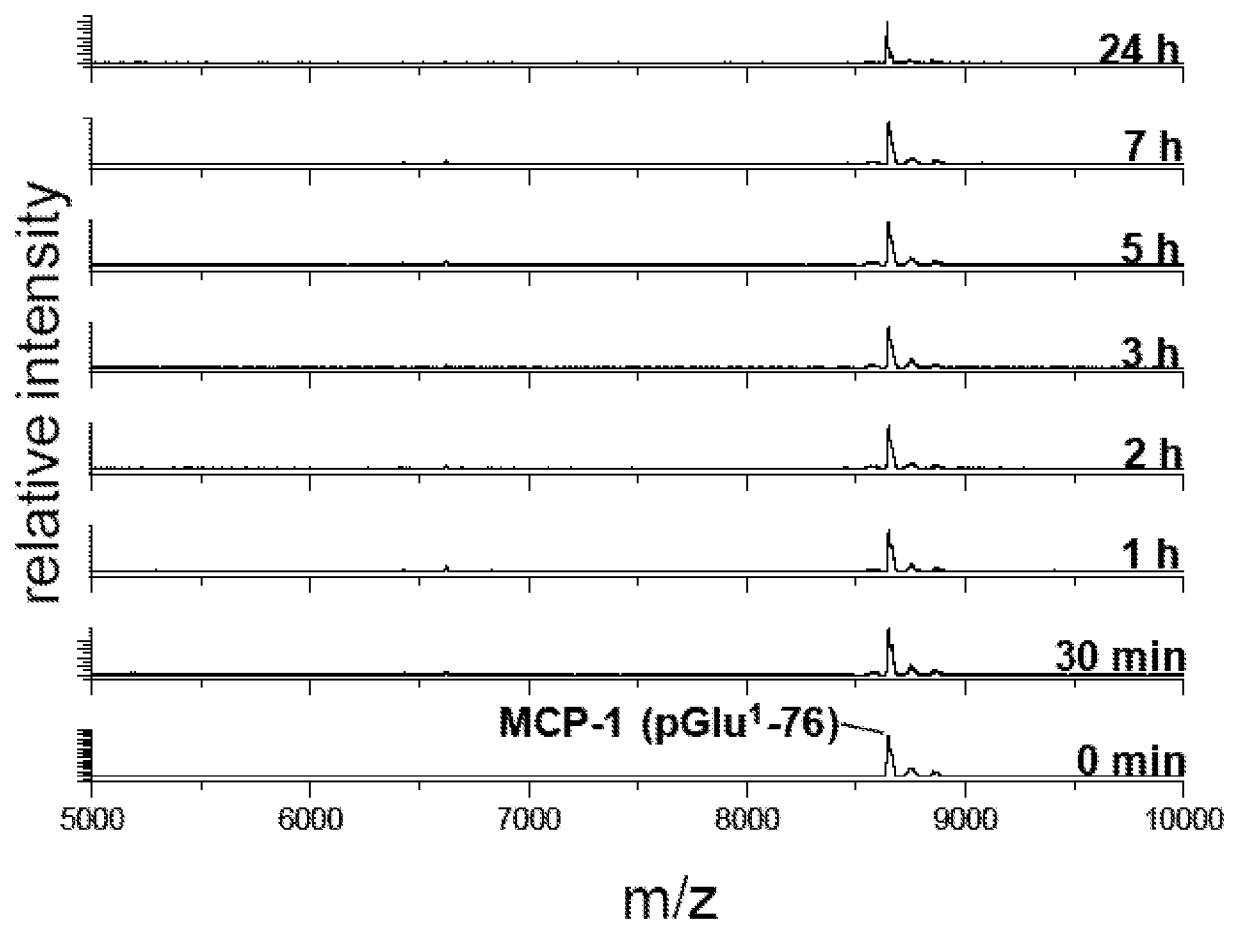


Figure 18C

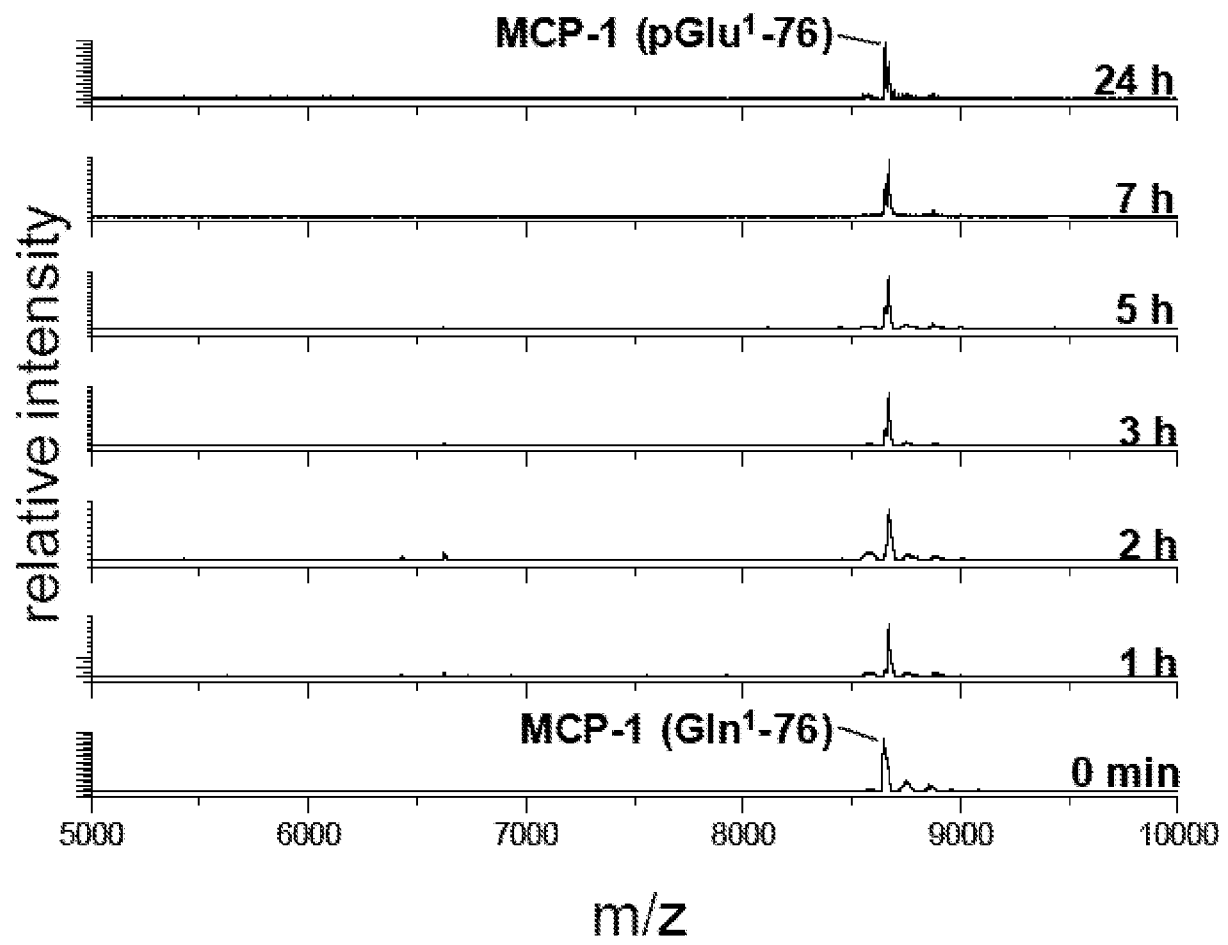


Figure 19A

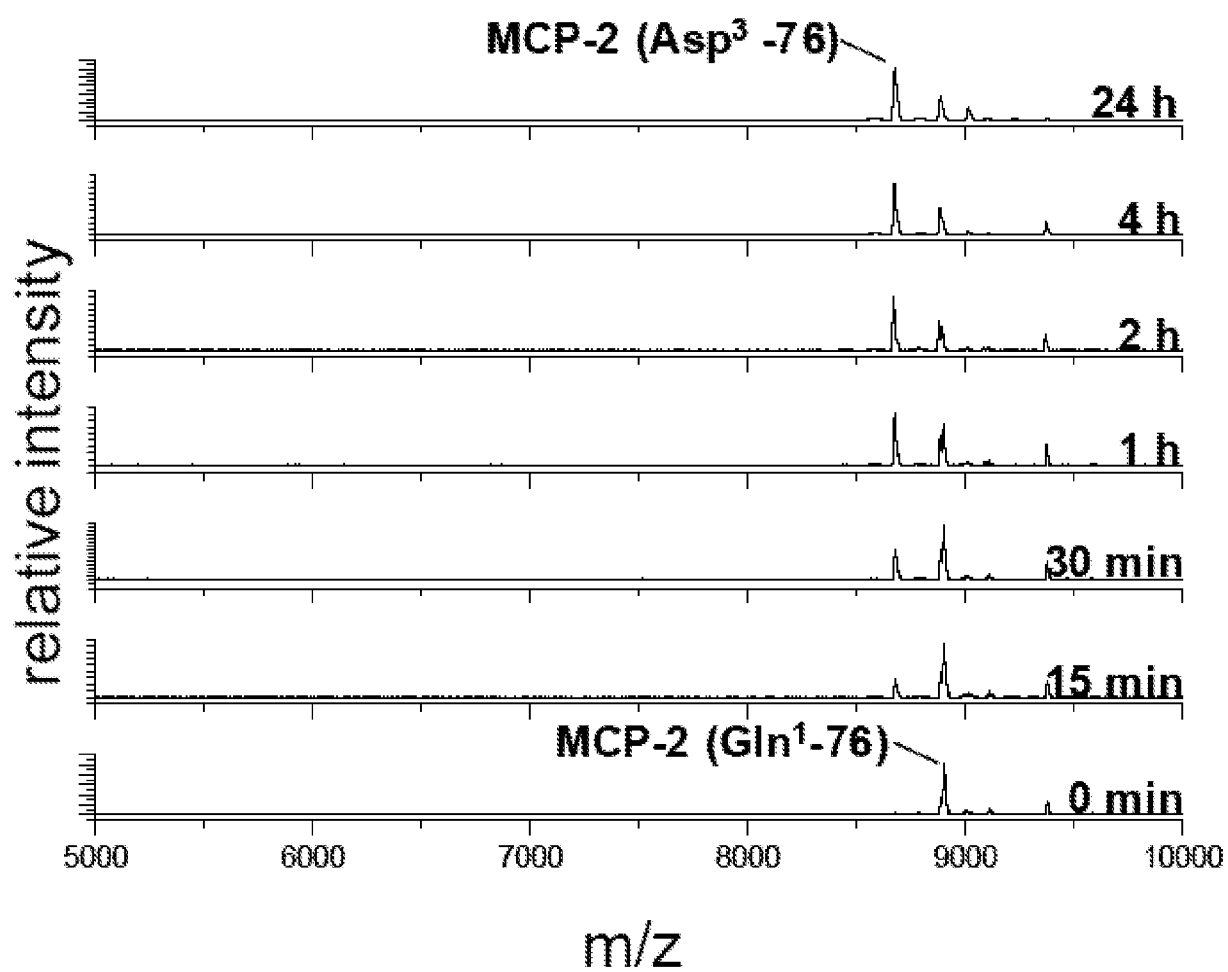


Figure 19B

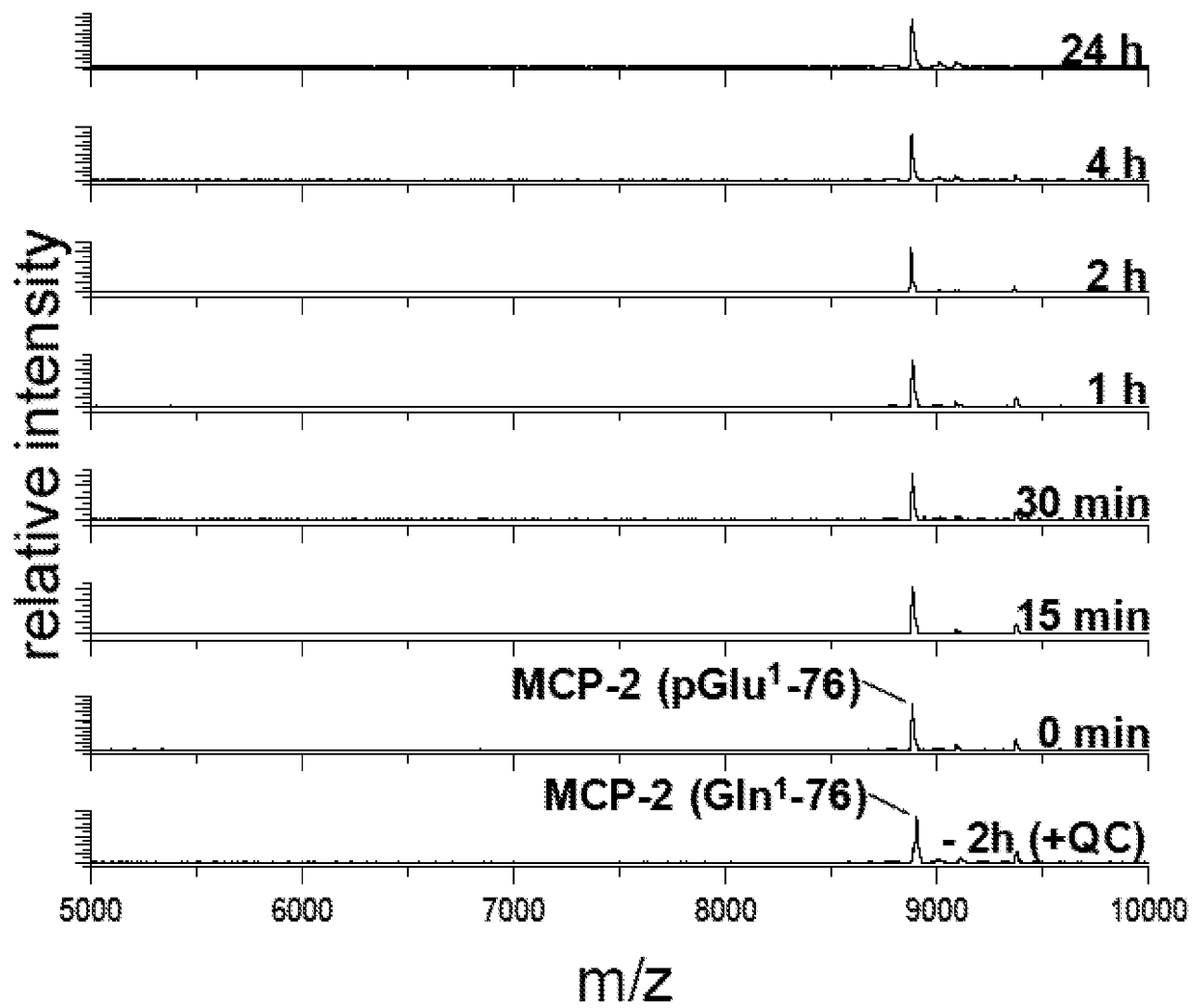


Figure 20A

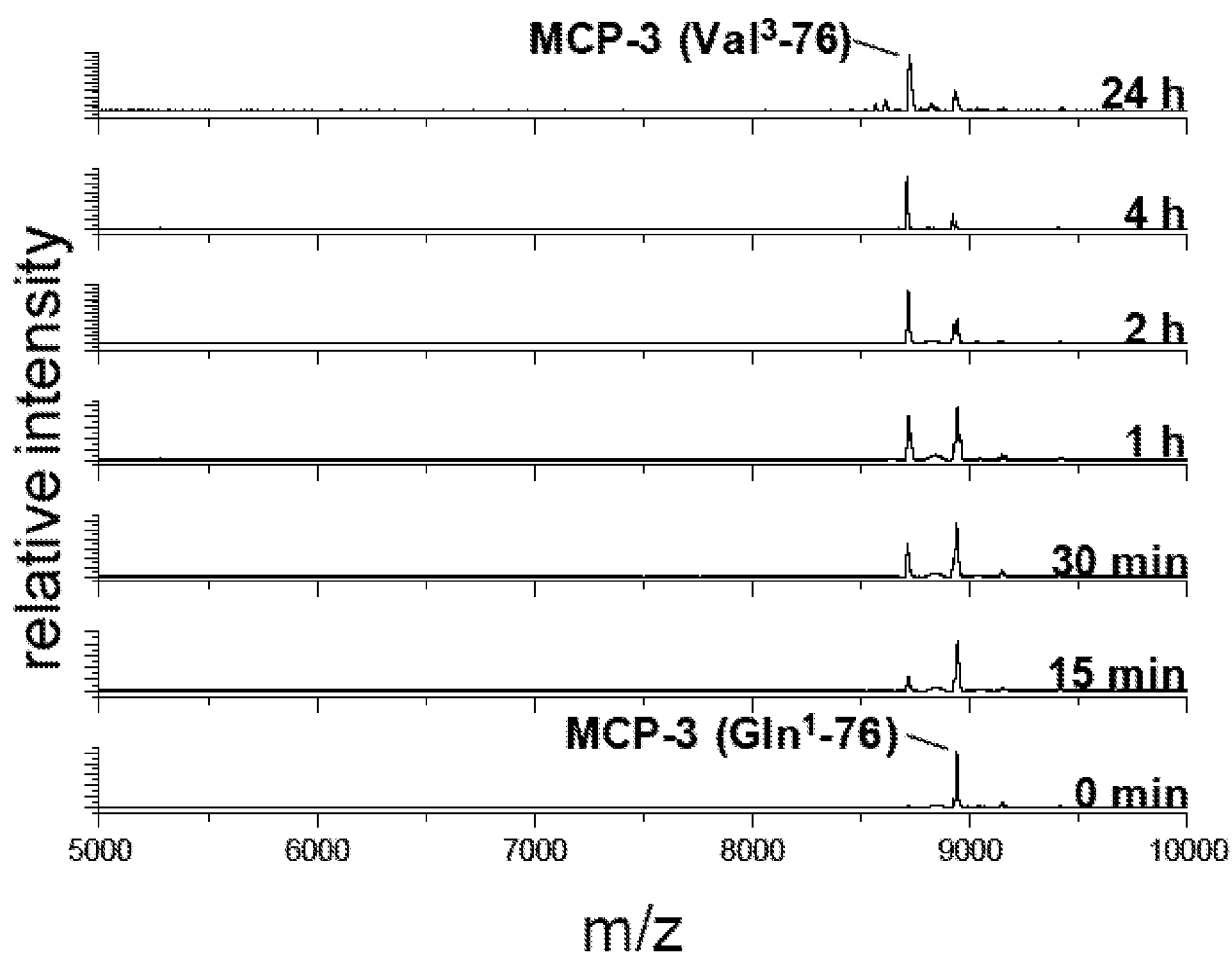


Figure 20B

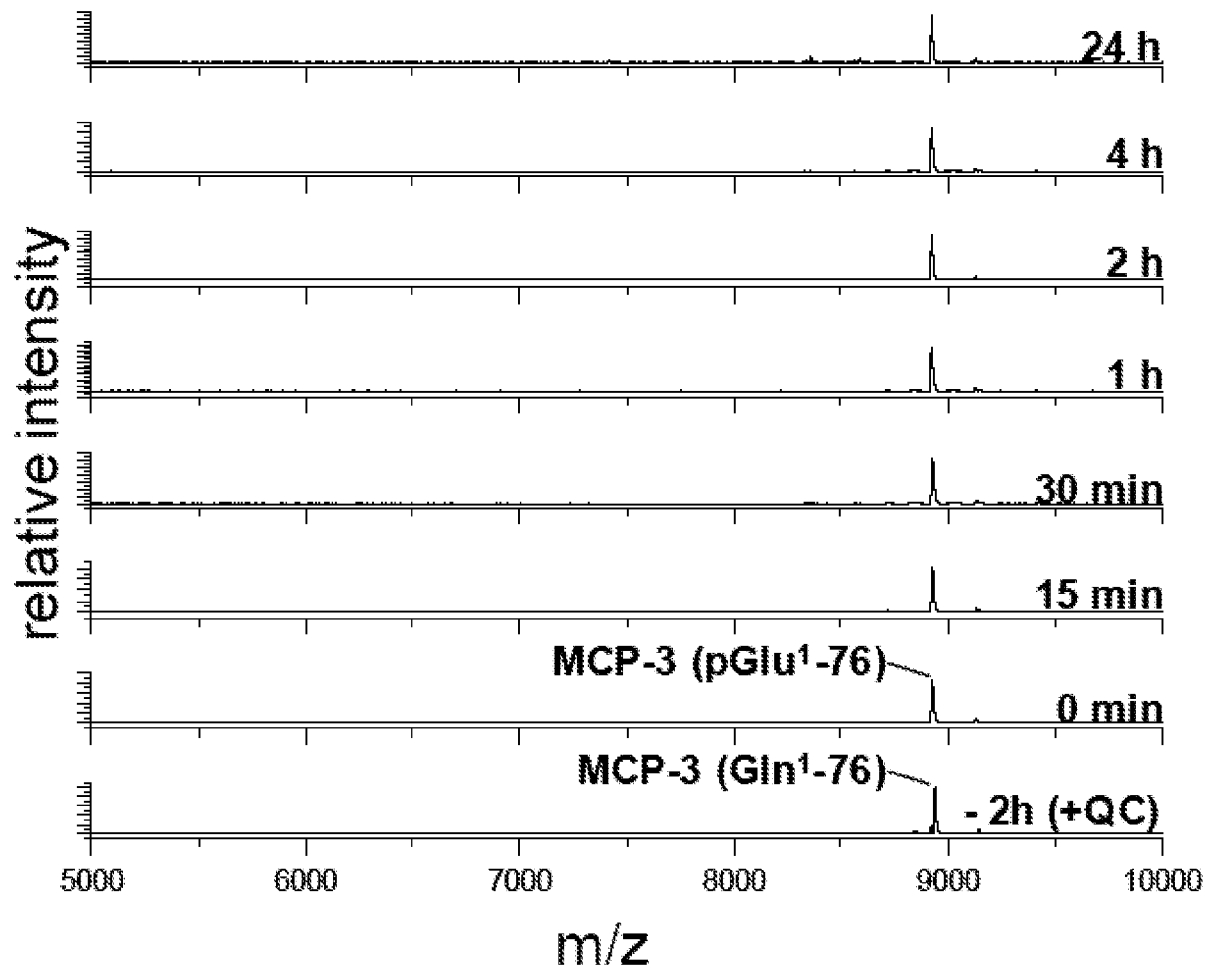


Figure 21A

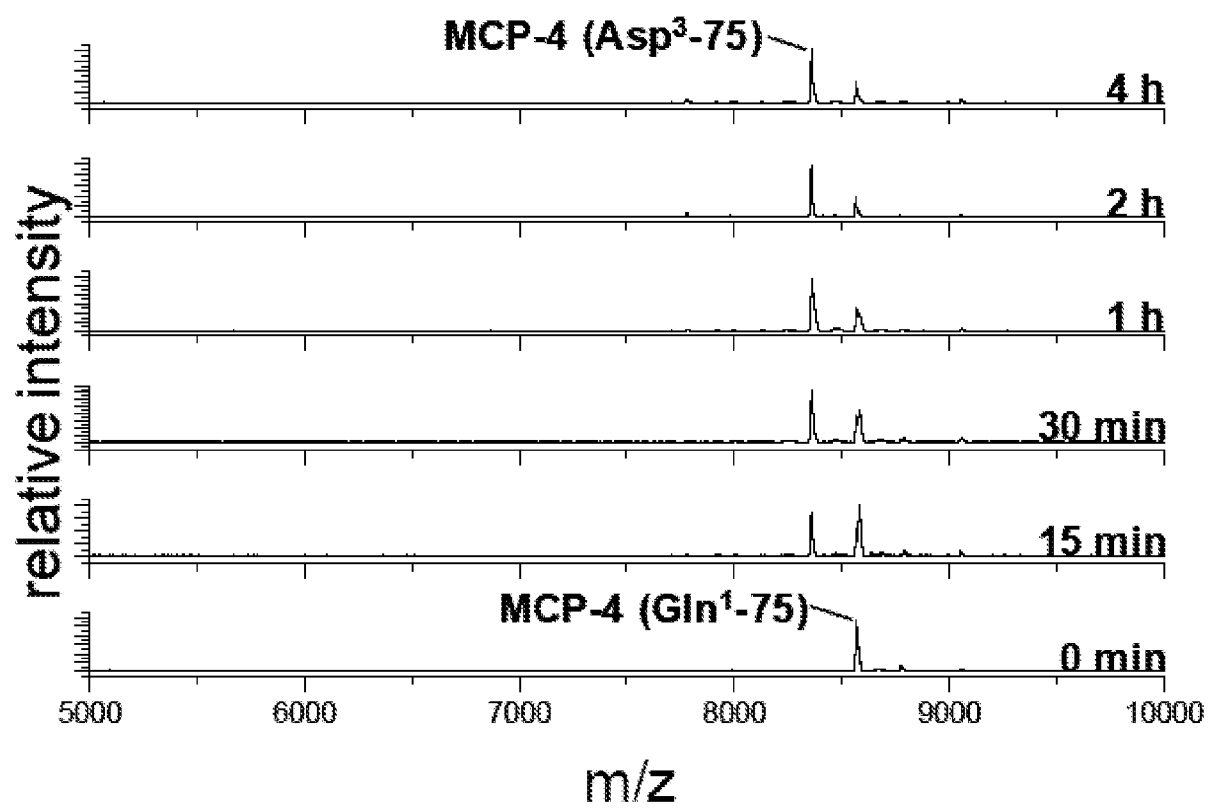


Figure 21B

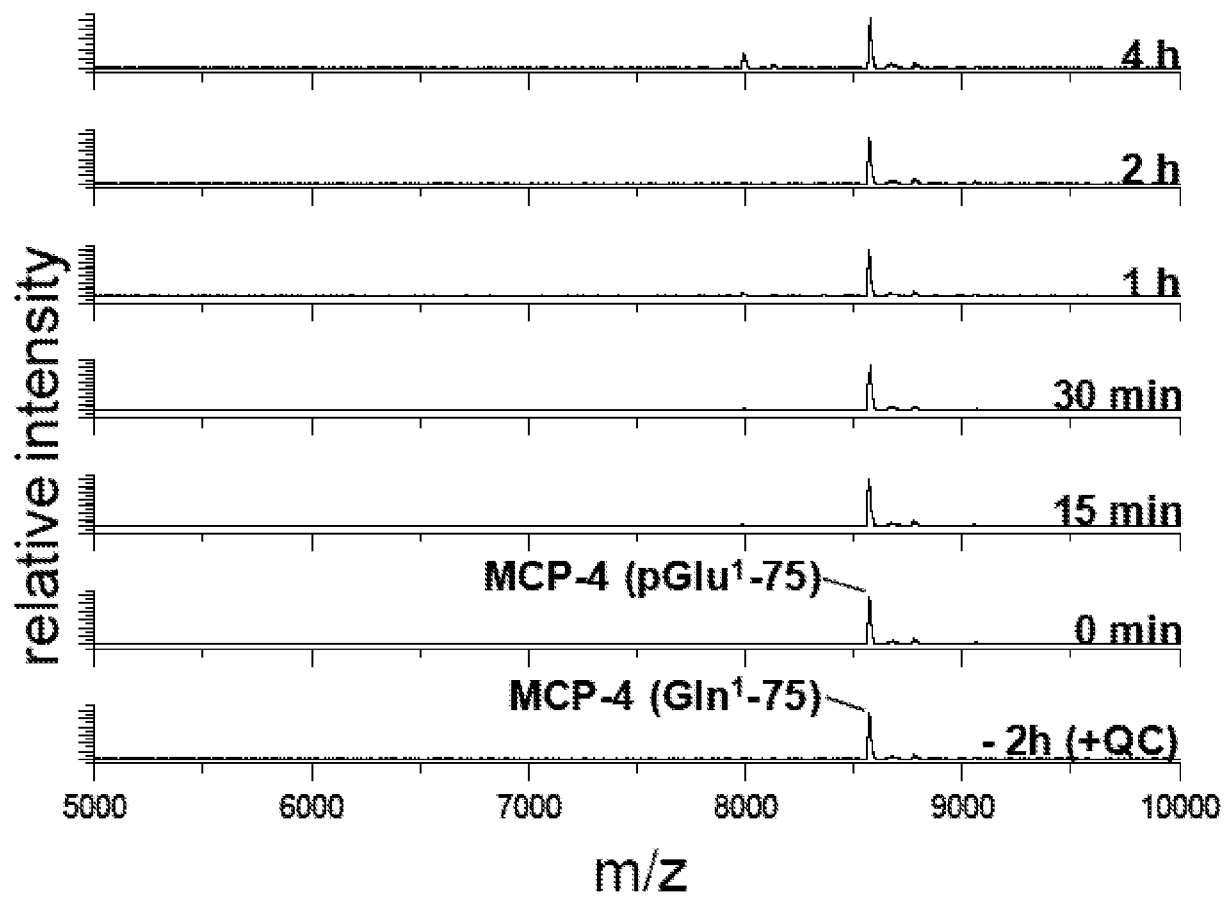


Figure 22

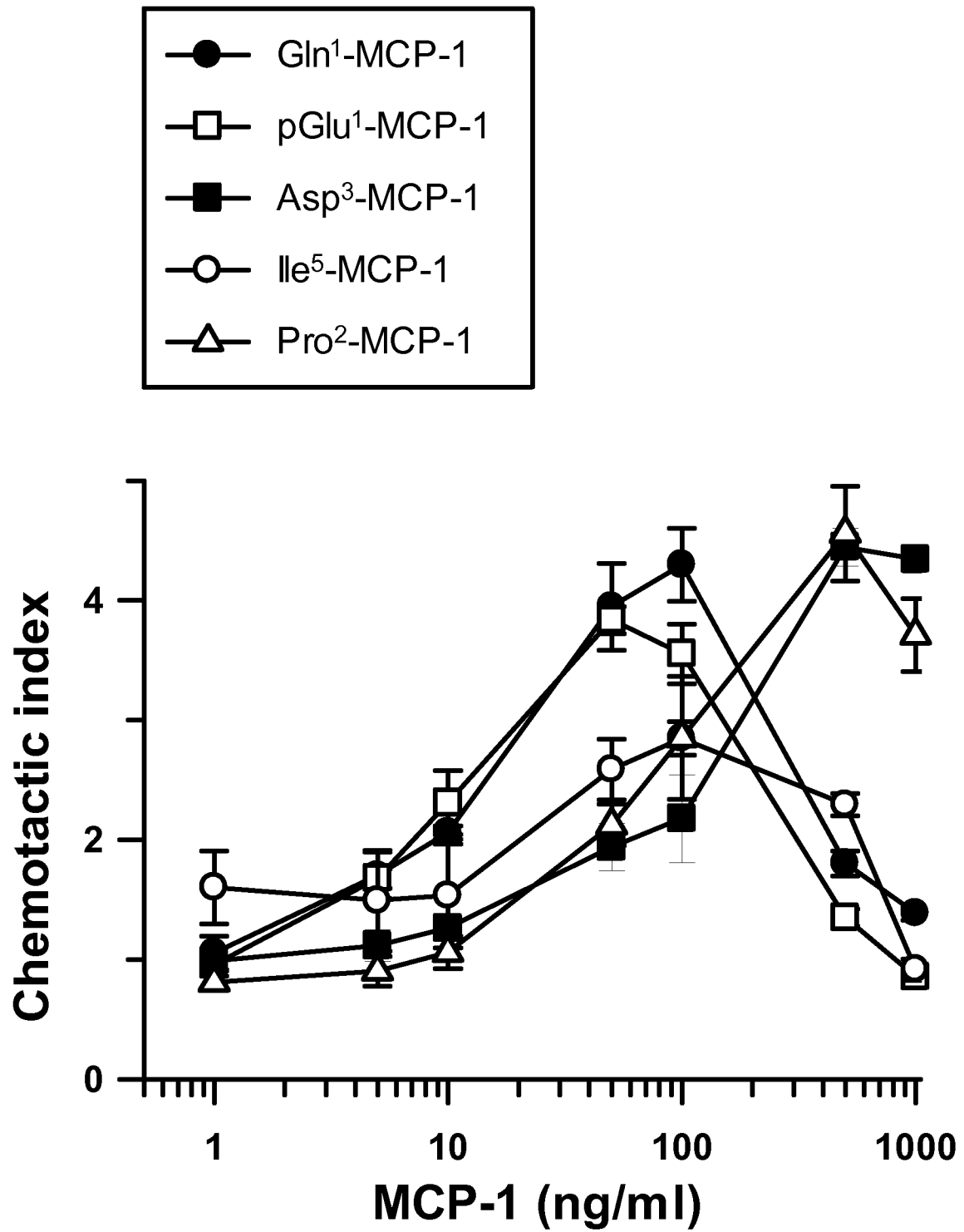


Figure 23

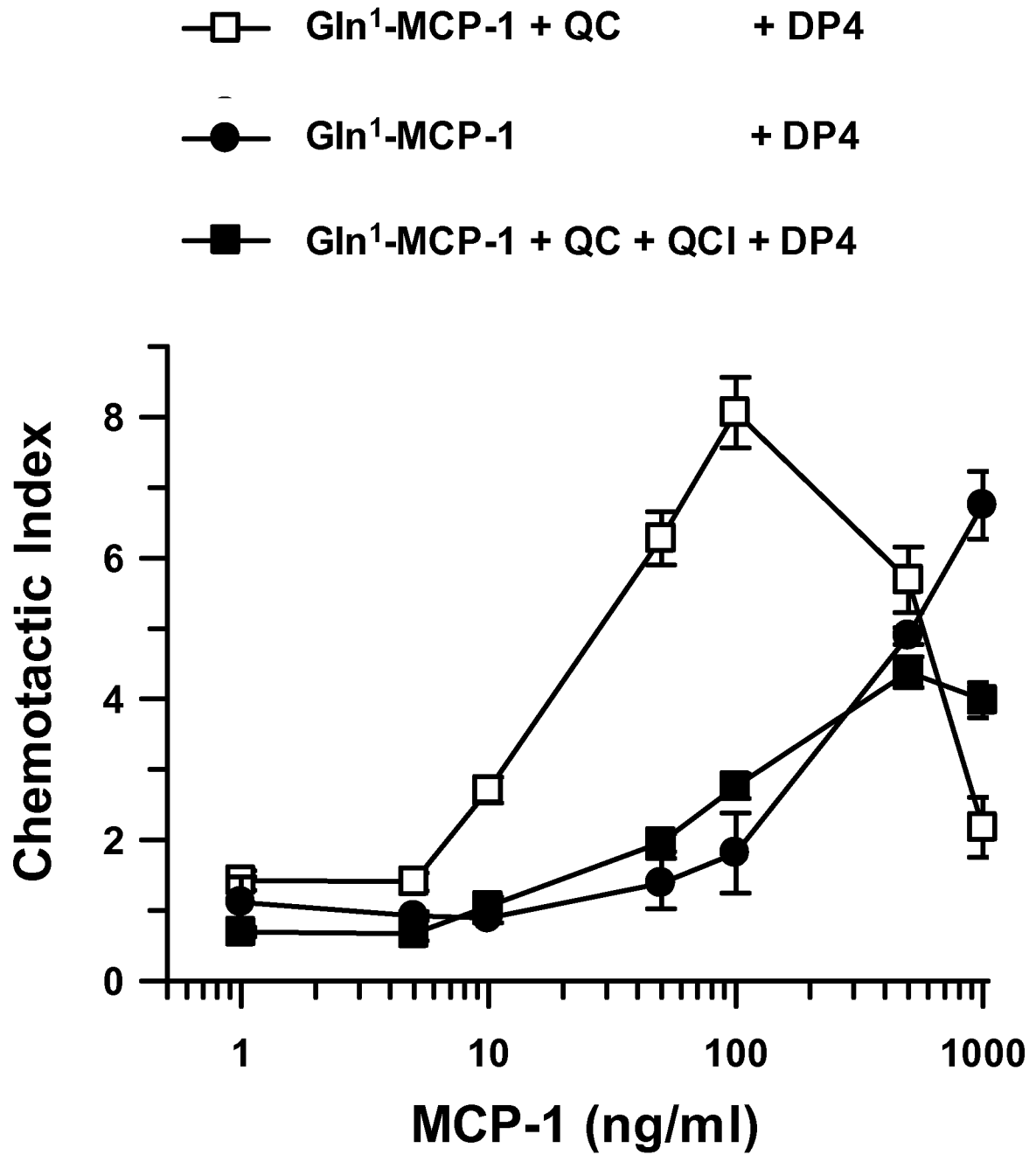


Figure 24A

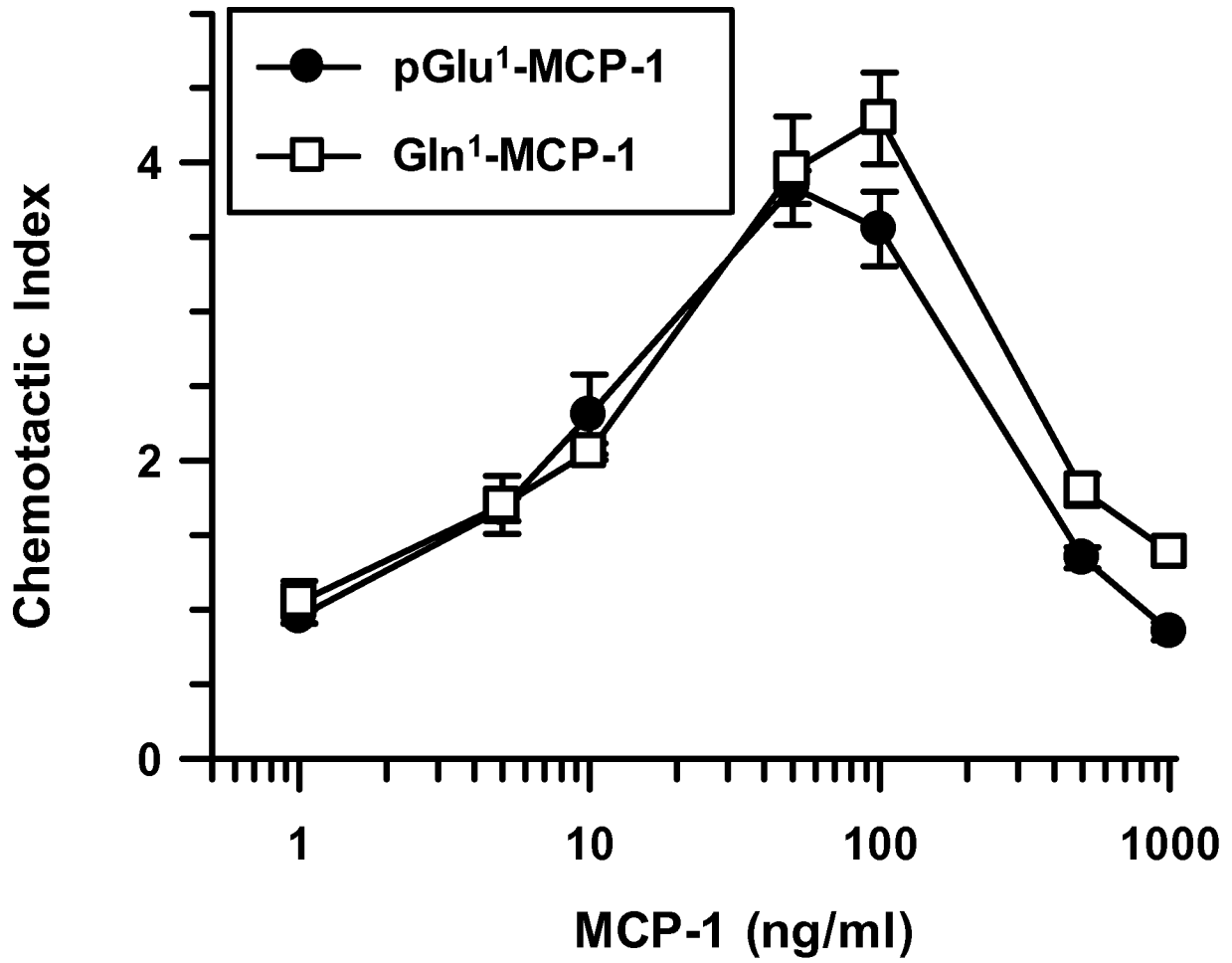


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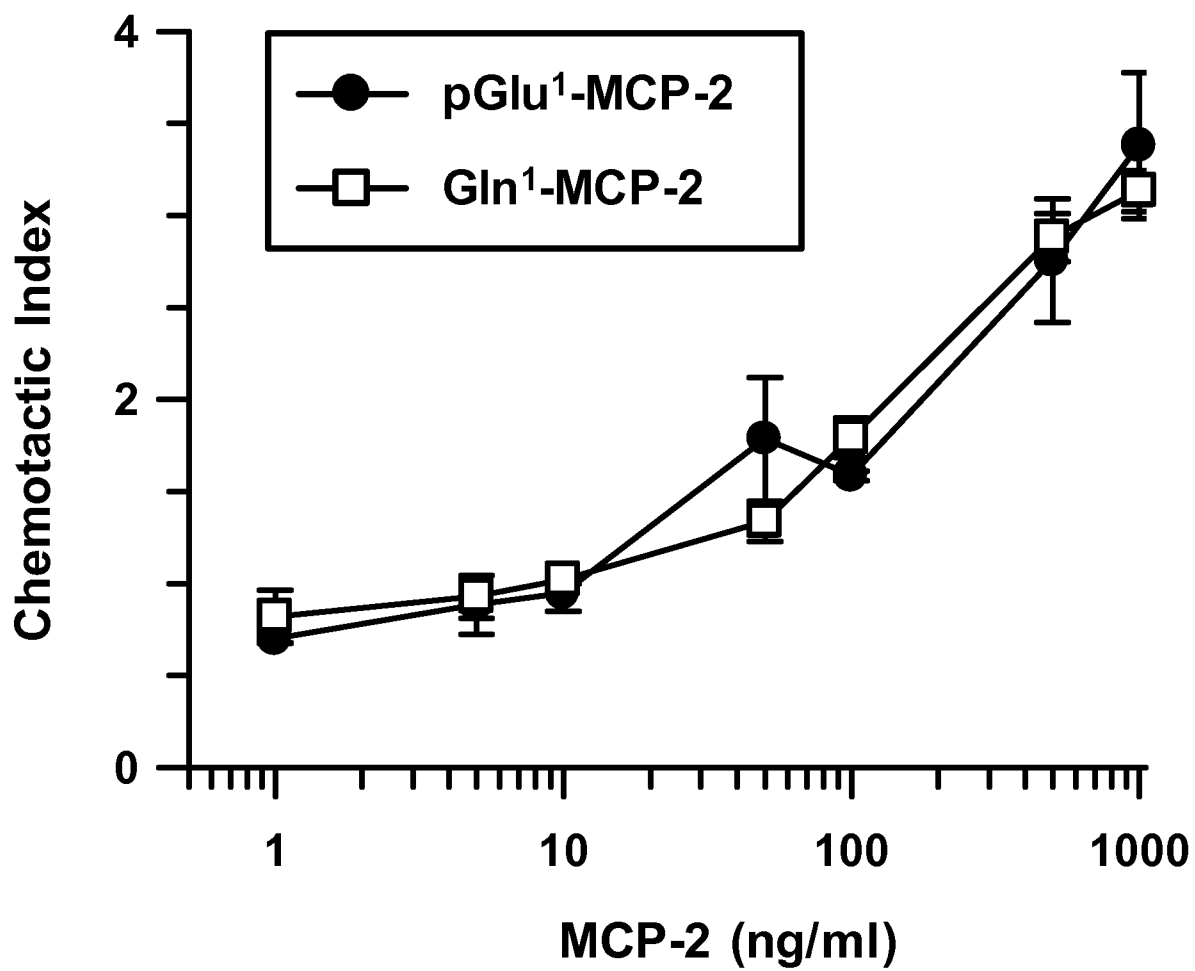


Figure 24C

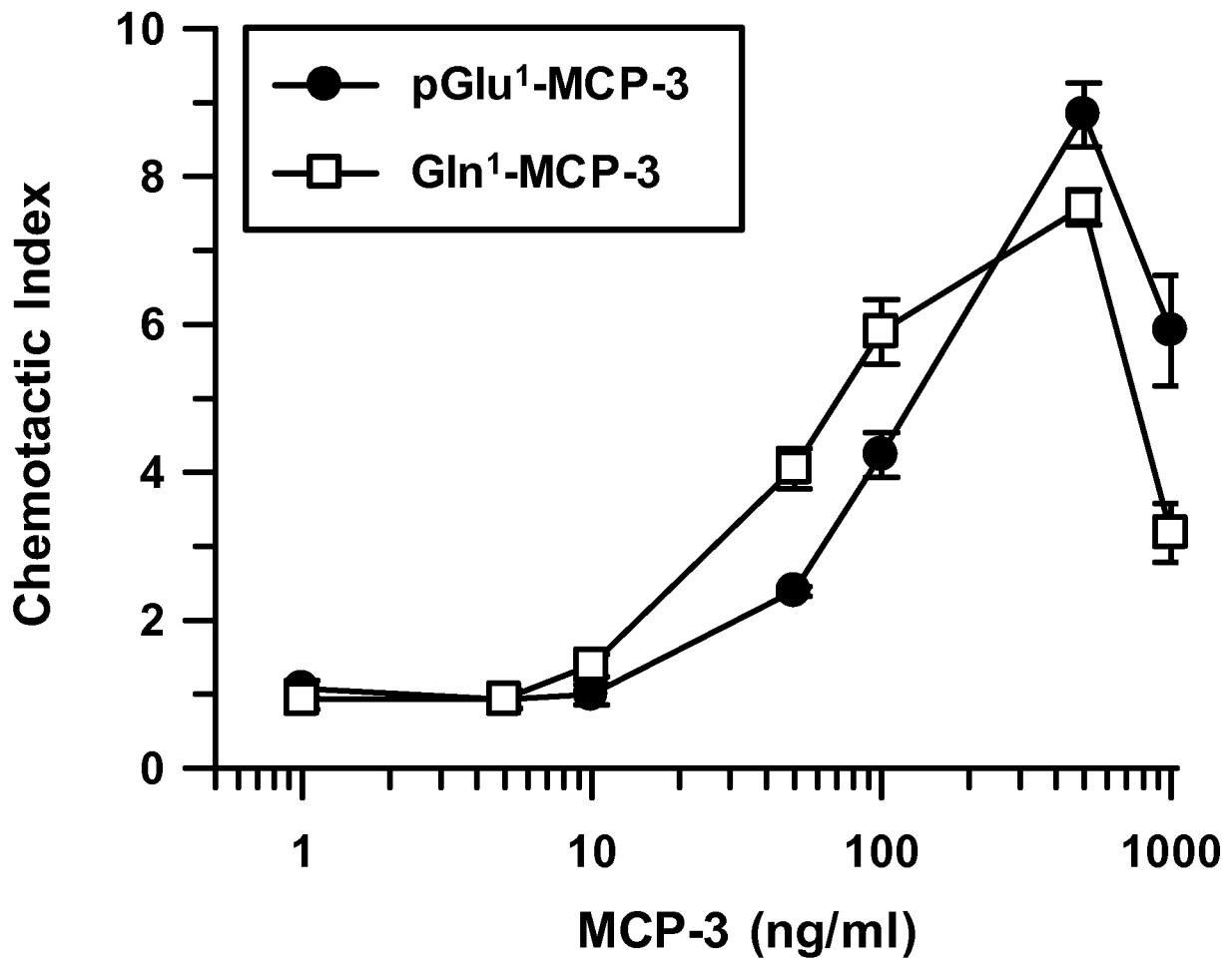


Figure 24D

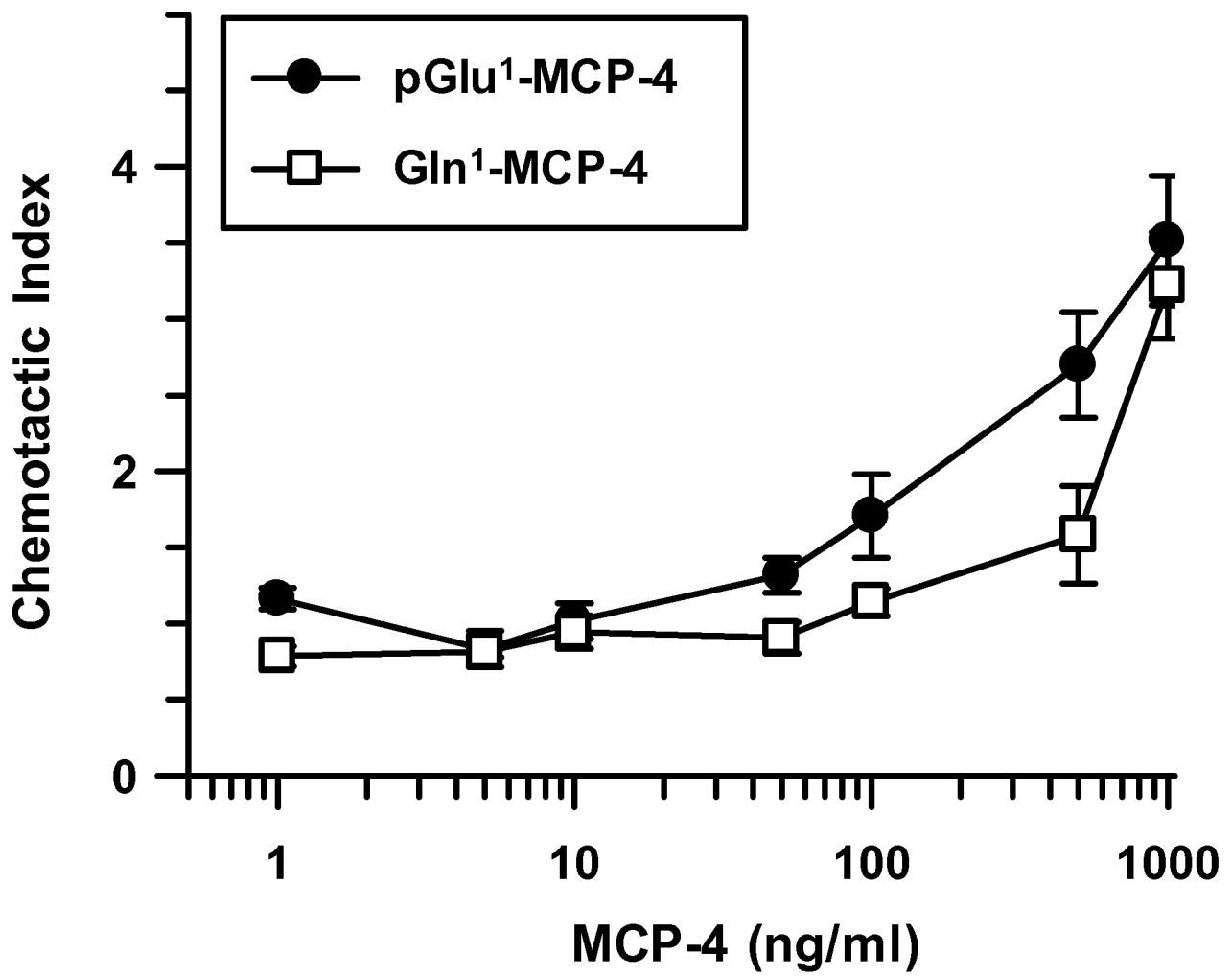


Figure 25A

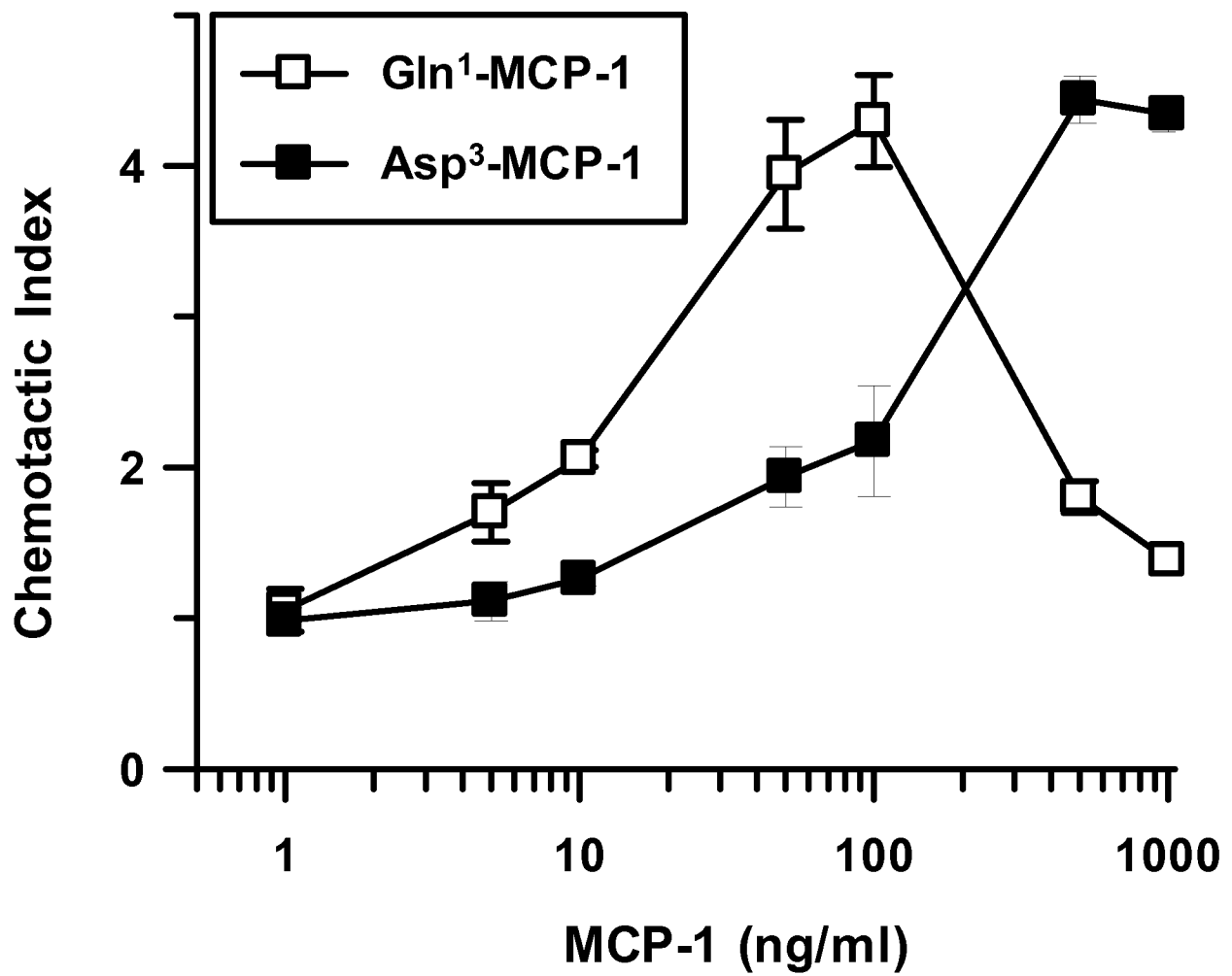


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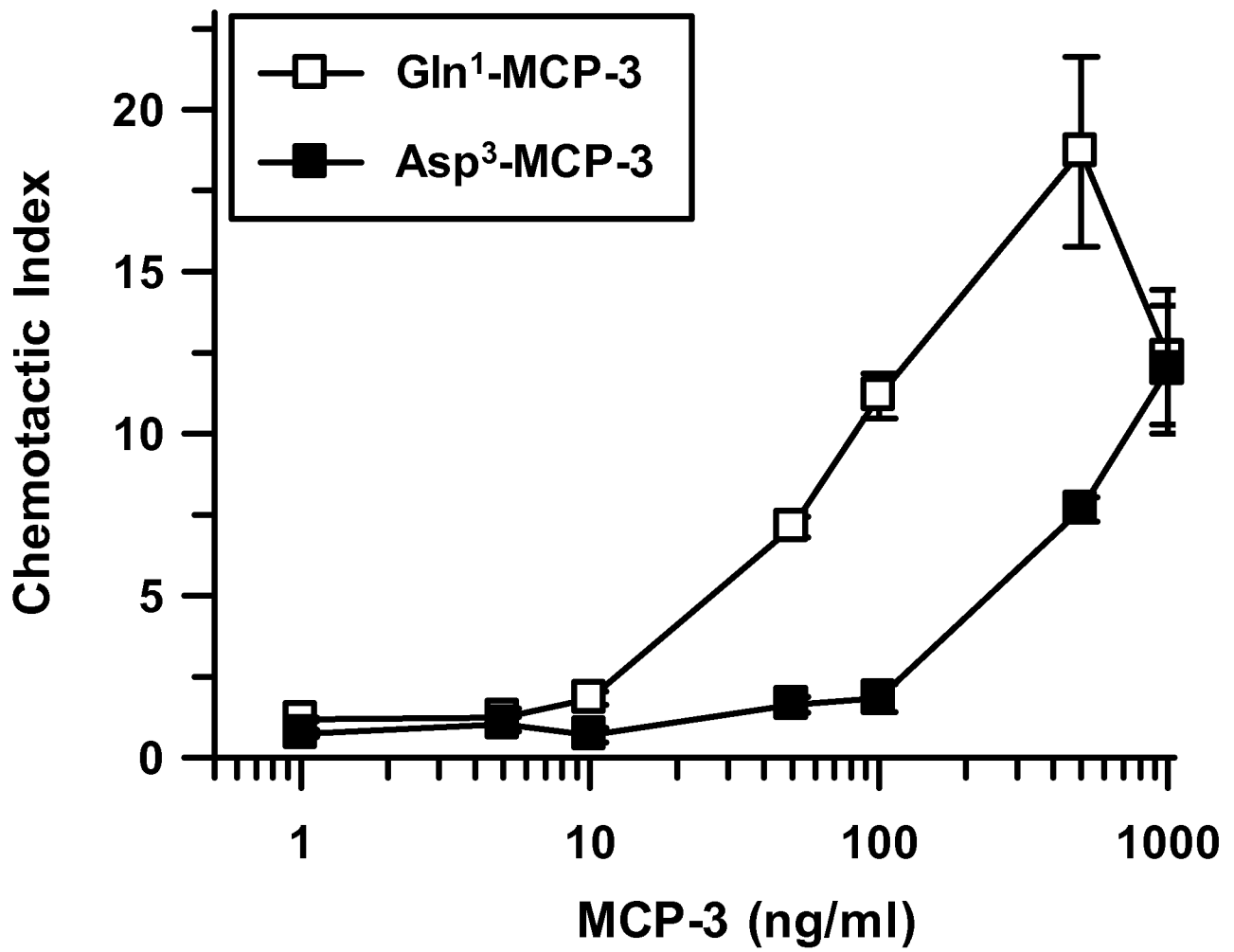


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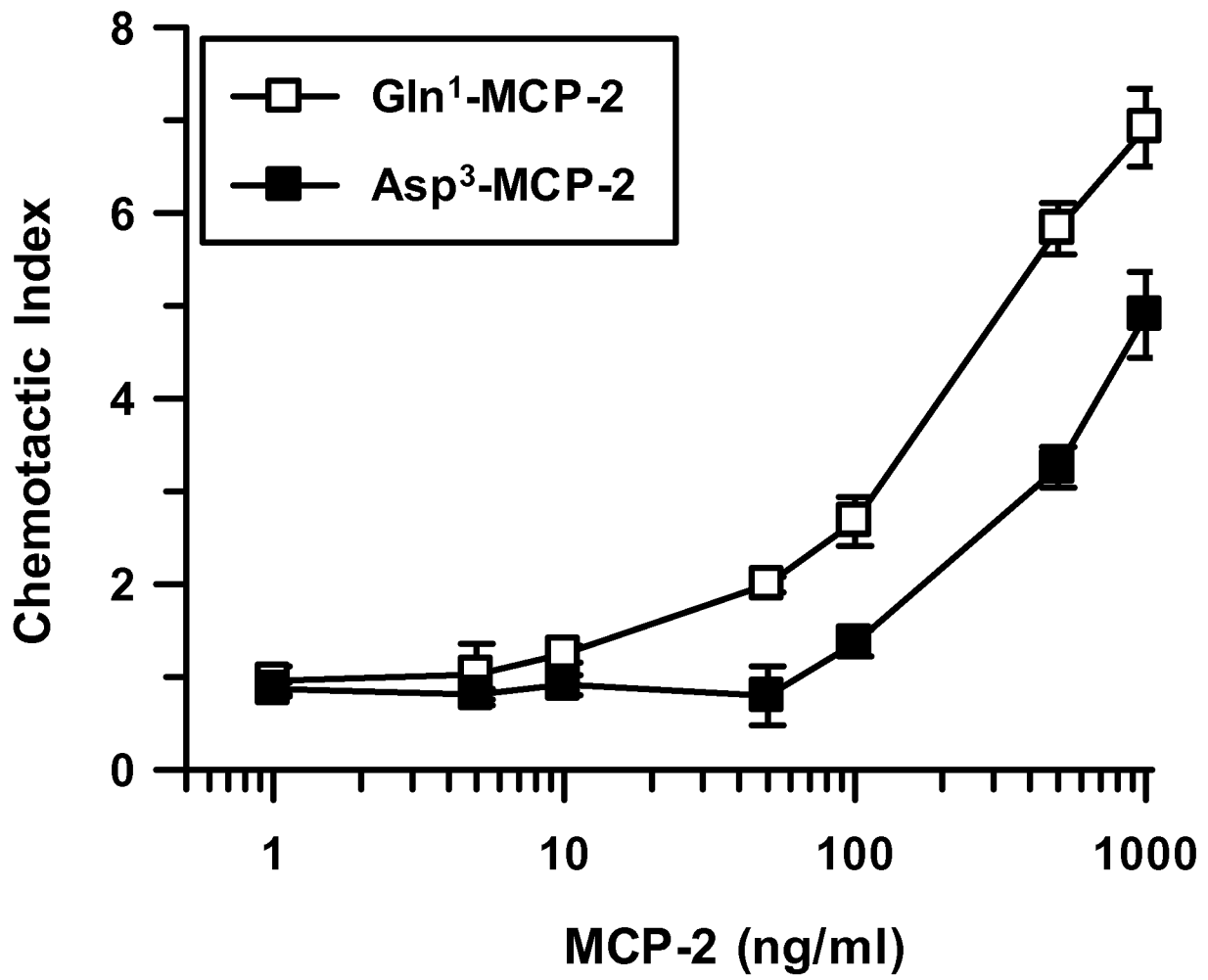


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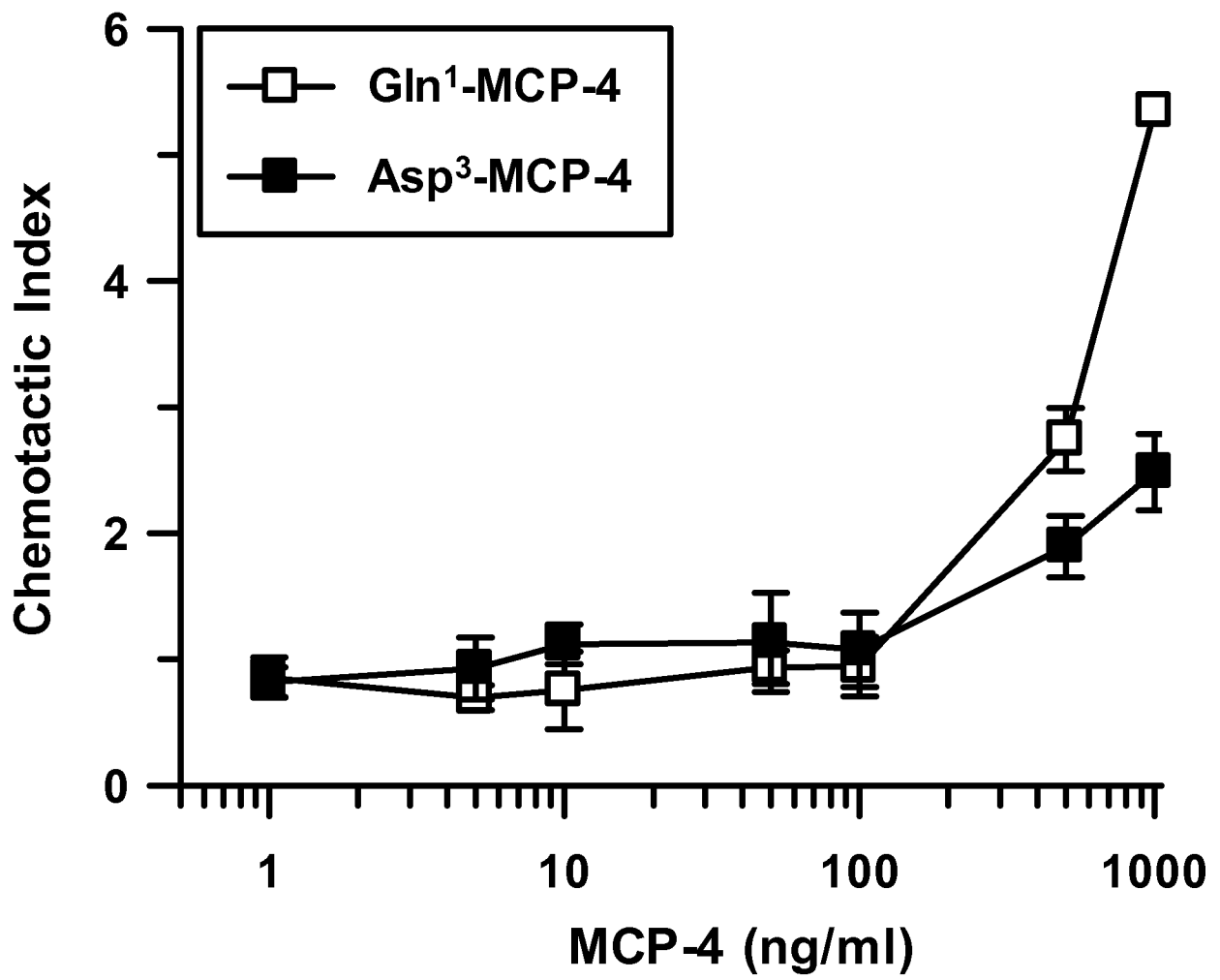


Figure 26

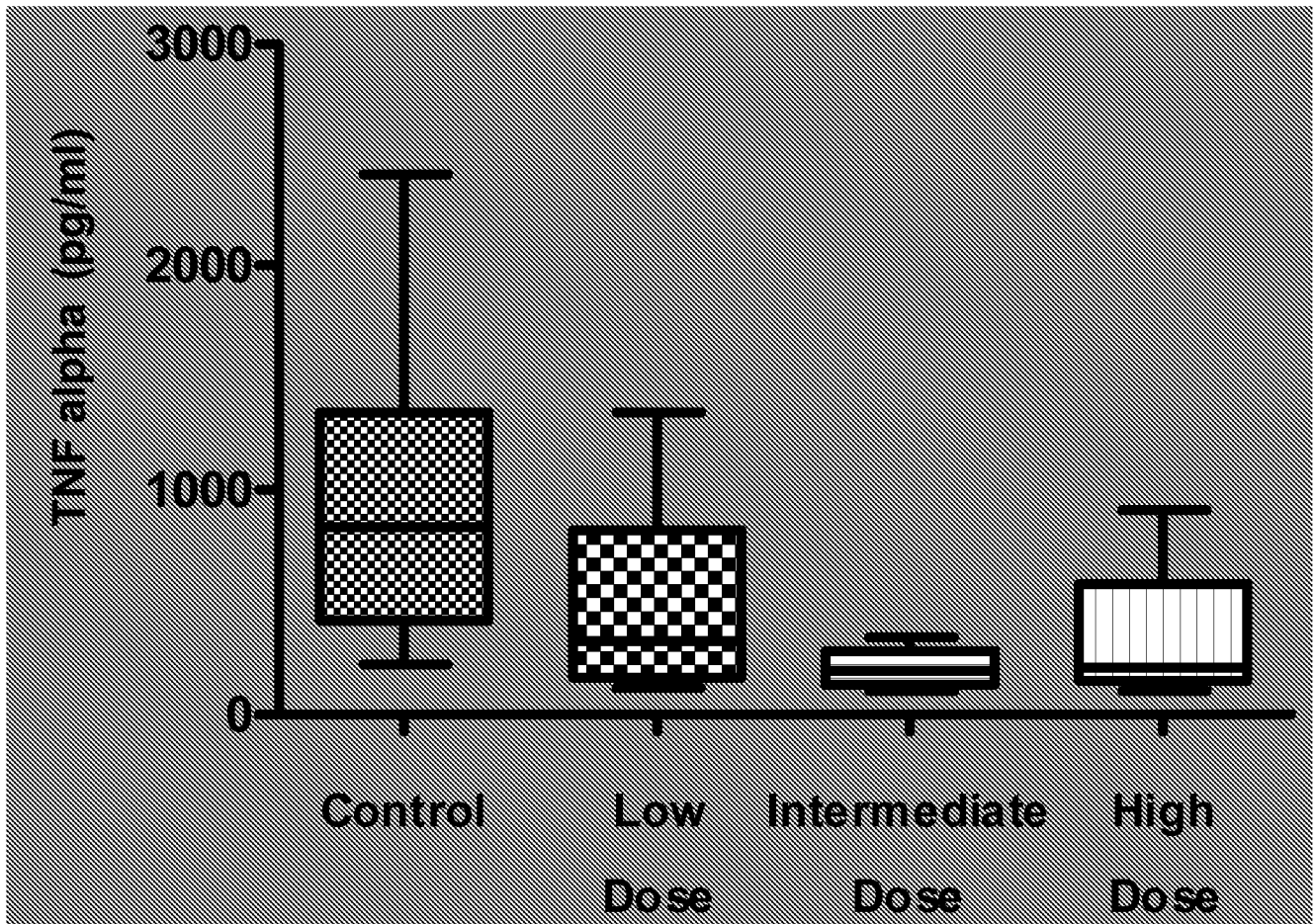


Figure 27

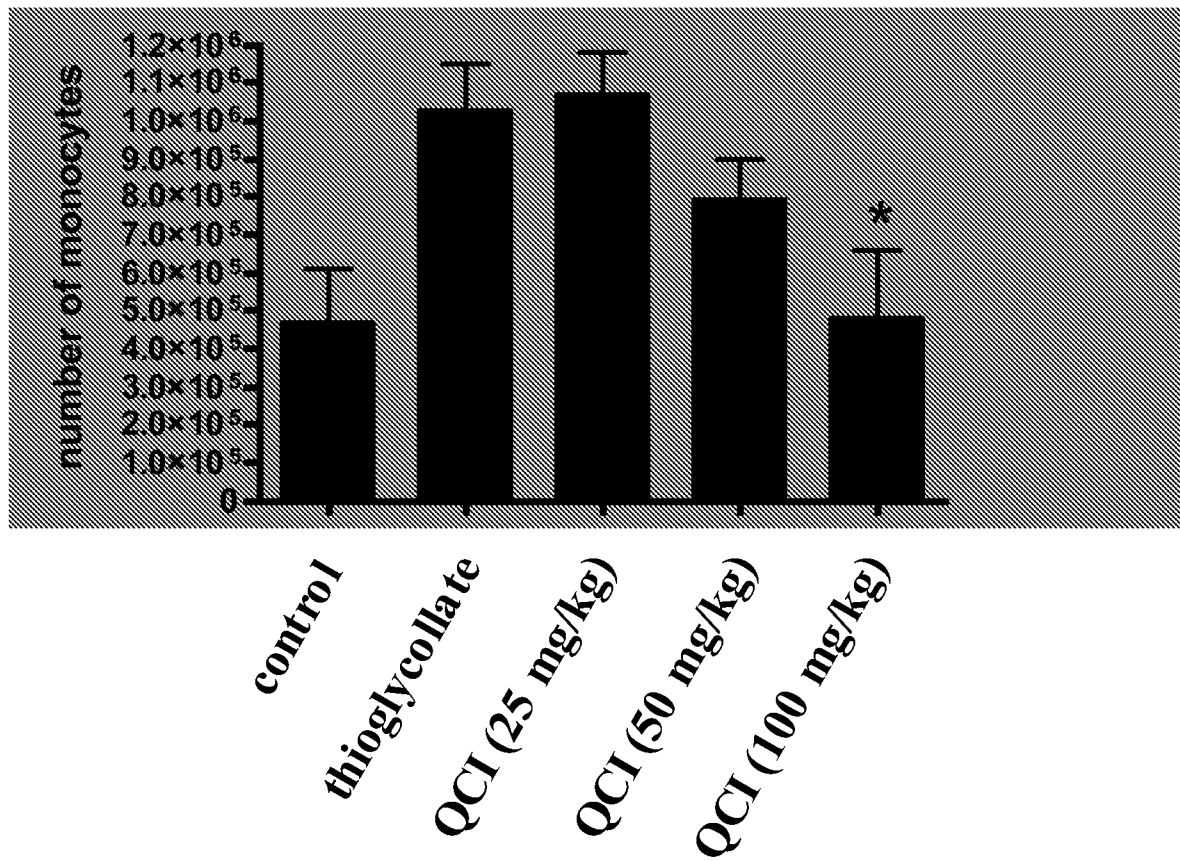


Figure 28

