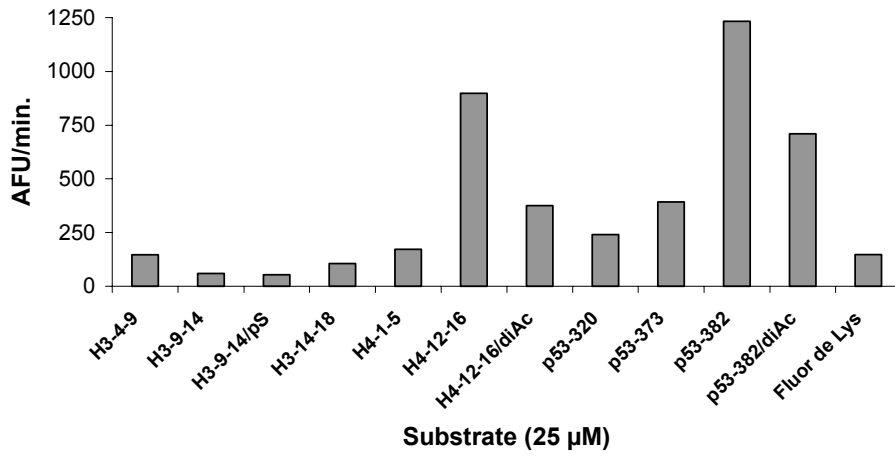




| Substrate Name                                                                                  | Sequence                           |
|-------------------------------------------------------------------------------------------------|------------------------------------|
| Sequence Source-Residue #(s),<br>(manufacturer's substrate name, (BIOMOL, Plymouth Meeting, PA) |                                    |
| H3-4-9                                                                                          | K(Ac)QTARK(Ac)                     |
| H3-9-14                                                                                         | K(Ac)STGGK(Ac)                     |
| H3-9-14/pS                                                                                      | K(Ac)-S(PO <sub>3</sub> )-TGGK(Ac) |
| H3-14-18                                                                                        | K(Ac)APRK(Ac)                      |
| H4-1-5                                                                                          | SGRGK(Ac)                          |
| H4-12-16 (Fluor de Lys- <b>H4-AcK16</b> )                                                       | KGGAK(Ac)                          |
| H4-12-16/diAc                                                                                   | K(Ac)GGAK(Ac)                      |
| p53-320 (Fluor de Lys- <b>SIRT2</b> )                                                           | QPKK(Ac)                           |
| p53-373                                                                                         | K(Ac)SKK(Ac)                       |
| p53-382 (Fluor de Lys- <b>SIRT1</b> )                                                           | RHKK(Ac)                           |
| p53-382/di-Ac (Fluor de Lys- <b>HDAC8</b> )                                                     | RHK(Ac)K(Ac)                       |
| ε-acetyl lysine (Fluor de Lys, FdL)                                                             | K(Ac)                              |