



# Influenza PRODUCT LIST

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| Cat. #        | Description                                      | Product Type |
|---------------|--|--------------|
| IT-003-001    | Anti-HA1 (H1N1)                                  | Rabbit IgG   |
| IT-003-0011   | Anti-H1 (H1N1/Pan)                               | Rabbit IgG   |
| IT-003-0015   | Anti-H11 (H11N2)                                 | Rabbit IgG   |
| IT-003-003    | Anti-HA1 (H2N2)                                  | Rabbit IgG   |
| IT-003-004    | Anti-HA1 (H3N2)                                  | Rabbit IgG   |
| IT-003-004PAN | Anti-H3 (H3N2)                                   | Rabbit IgG   |
| IT-003-004WI  | Anti-H3 (H3N2/Wis/2005)                          | Rabbit IgG   |
| IT-003-005    | Anti-HA1 (H5N1) (Human)                          | Rabbit IgG   |
| IT-003-005A   | Anti-HA (H5N1) (Anhui/1/05)                      | Rabbit IgG   |
| IT-003-005G   | Anti-HA (H5N1) (Bar headed goose/Qinghai/1A/05)  | Rabbit IgG   |
| IT-003-005H   | Anti-H5 (H5N1) (A/HongKong/483/97)               | Rabbit IgG   |
| IT-003-005I   | Anti-HA (H5N1) (Indonesia/5/05)                  | Rabbit IgG   |
| IT-003-005V   | Anti-HA (H5N1) (VN1203/04)                       | Rabbit IgG   |
| IT-003-006    | Anti-HA1 (H5N1) (Avian)                          | Rabbit IgG   |
| IT-003-007    | Anti-HA1 (H6N2)                                  | Rabbit IgG   |
| IT-003-008    | Anti-HA1 (H7N7)                                  | Rabbit IgG   |
| IT-003-009    | Anti-HA1 (H9N2)                                  | Rabbit IgG   |
| IT-003-010    | Anti-HA2 (H5N1)                                  | Rabbit IgG   |
| IT-003-011    | Anti-M1 (H3N2)                                   | Rabbit Serum |
| IT-003-012    | Anti-M1 (H5N1) (Human)                           | Rabbit IgG   |
| IT-003-013    | Anti-H12 (H12N5)                                 | Rabbit IgG   |
| IT-003-014    | Anti-H4 (H4N6)                                   | Rabbit IgG   |
| IT-003-015    | Anti-M2 (H1N1)                                   | Rabbit Serum |
| IT-003-017    | Anti-H14 (A/mallard/Gurjev/263/1982 (H14))       | Rabbit IgG   |
| IT-003-018    | Anti-H15 (A/Australia/83/00 (H15N8))             | Rabbit IgG   |
| IT-003-019    | Anti-H16 (A/Sweden/99 (H16N3))                   | Rabbit IgG   |
| IT-003-020    | Anti-NA (H3N2)                                   | Rabbit IgG   |
| IT-003-021    | Anti-NA (H5N1)                                   | Rabbit IgG   |
| IT-003-023    | Anti-NP (H1N1)                                   | Rabbit IgG   |
| IT-003-024    | Anti-H13 (H13N8)                                 | Rabbit IgG   |
| IT-003-025    | Anti-NS1 (H5N1) (Human)                          | Rabbit IgG   |
| IT-003-027    | Anti-NA (H9N2)                                   | Rabbit IgG   |
| IT-003-028    | Anti-NA (H7N7)                                   | Rabbit IgG   |
| IT-003-031    | Anti-NP (Influenza B)                            | Rabbit IgG   |
| IT-003-032    | Anti-HA (Influenza B)                            | Rabbit IgG   |
| IT-003-033    | Anti-H8 (A/pintail duck/Alberta/114/1979 (H8N4)) | Rabbit IgG   |

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| Cat. #                  | Description   | Product Type |
|-------------------------|---|--------------|
| IT-003-034              | Anti-H10(A/blue-winged teal/Louisiana/Sg-00073/07(H10N7)) | Rabbit IgG   |
| IT-003-035              | Anti-H11(A/duck/Yangzhou/906/2002(H11N2))                 | Rabbit IgG   |
| IT-003-036              | Anti-M1(A/California/06/2009/(H1N1))                      | Rabbit IgG   |
| IT-003-037              | Anti-NS1(A/California/06/2009/(H1N1))                     | Rabbit IgG   |
| IT-003-038              | Anti-NA((A/California/06/2009/(H1N1))                     | Rabbit IgG   |
| IT-003-039              | Anti-NA(A/New Caledonia/20/1999/(H1N1))                   | Rabbit IgG   |
| IT-003-SW               | Anti-HA( $\Delta$ TM)(A/California/06/2009)(H1N1)         | Rabbit IgG   |
| IT-003-Ref-H1(Bri/2007) | Anti-H1(H1N1)(A/Brisbane/59/2007)                         | Rabbit IgG   |
| IT-003-Ref-H1(NC/1999)  | Anti-H1(H1N1)(A/New Caledonia/20/99)                      | Rabbit IgG   |
| IT-003-Ref-H1(SC/1918)  | Anti-H1(H1N1)(A/South Carolina/1/18)                      | Rabbit IgG   |
| IT-003-Ref-H1(SW/2007)  | Anti-H1(H1N1)(A/Ohio/Swine/01/2007)                       | Rabbit IgG   |
| IT-003-Ref-H3(Bri/2007) | Anti-H3(H3N2)(A/Brisbane/10/2007)                         | Rabbit IgG   |
| IT-003-Ref-H3(Wis/2005) | Anti-H3(H3N2)(A/Wisconsin/67/X-161/2005)                  | Rabbit IgG   |
| IT-003-Ref-H3(Wyo/2003) | Anti-H3(H3N2)(A/Wyoming/3/03)                             | Rabbit IgG   |
| IT-003-Ref-H12          | Anti-H12(A/green-winged teal/ALB/199/1991)                | Rabbit IgG   |
| IT-003-Ref-H13          | Anti-H13(A/black-headed gull/Netherlands/1/00)            | Rabbit IgG   |

| Cat. #               | Description  | Product Type |
|----------------------|--|--------------|
| IT-003-001M1         | Anti-HA (H1N1) (A/New Caledonia/20/99)                           | Mouse Mab    |
| IT-003-001M2         | Anti-HA (H1N1) (A/New Caledonia/20/99)                           | Mouse Mab    |
| IT-003-001M3         | Anti-HA (H1N1) (A/California/06/2009)                            | Mouse Mab    |
| IT-003-001M4         | Anti-H1 (California/06/2009 (H1N1))                              | Mouse Mab    |
| IT-003-001M5         | Anti-H1 (California/06/2009 (H1N1))                              | Mouse Mab    |
| IT-003-001M5-Biotin  | Anti-H1 (California/06/2009 (H1N1))-Biotin                       | Mouse Mab    |
| IT-003-001M5-HRP     | Anti-H1 (California/06/2009 (H1N1))-HRP                          | Mouse Mab    |
| IT-003-001M5-FITC    | Anti-H1 (California/06/2009 (H1N1))-FITC                         | Mouse Mab    |
| IT-003-001M7         | Anti-H1 (A/New Caledonia/20/99)                                  | Mouse Mab    |
| IT-003-001M7-Biotin  | Anti-H1 (A/New Caledonia/20/99) Biotin conjugated                | Mouse Mab    |
| IT-003-001M7-HRP     | Anti-H1 (A/New Caledonia/20/99) HRP conjugated                   | Mouse Mab    |
| IT-003-001M8         | Anti-H1 (A/New Caledonia/20/99)                                  | Mouse Mab    |
| IT-003-001M9         | Anti-H1 (A/Brisbane/59/2007 (H1N1))                              | Mouse Mab    |
| IT-003-001M10        | Anti-H1 (A/Brisbane/59/2007 (H1N1))                              | Mouse Mab    |
| IT-003-001M11        | Anti-H1N1/H3N2 (Seasonal)  | Mouse Mab    |
| IT-003-001M11-Biotin | Anti-H1N1/H3N2 (Seasonal) Biotin conjugated                      | Mouse Mab    |
| IT-003-001M11-HRP    | Anti-H1N1/H3N2 (Seasonal) HRP conjugated                         | Mouse Mab    |
| IT-003-001M12        | Anti-H1N1/H3N2 (Seasonal)  | Mouse Mab    |
| IT-003-003M1         | Anti-H2 (H2N2) (A/Canada/720/05)                                 | Mouse Mab    |
| IT-003-003M2         | Anti-H2 (H2N2) (A/Canada/720/05)                                 | Mouse Mab    |
| IT-003-003M3         | Anti-H2 (H2N2) (A/Canada/720/05)                                 | Mouse Mab    |
| IT-003-003M4         | Anti-H2 (H2N2) (A/Canada/720/05)                                 | Mouse Mab    |
| IT-003-004M1         | Anti-H3 (H3N2) (Seasonal)  | Mouse Mab    |
| IT-003-004M2         | Anti-H3 (H3N2) (Seasonal)  | Mouse Mab    |
| IT-003-004M3         | Anti-H3 (H3N2) (A/Brisbane/10/2007)                              | Mouse Mab    |
| IT-003-004M13        | Anti-H3 (H3N2) (A/Perth/16/2009)                                 | Mouse Mab    |
| IT-003-004M14        | Anti-H3 (H3N2) (A/Perth/16/2009)                                 | Mouse Mab    |
| IT-003-004M15        | Anti-H3 (H3N2) (A/Perth/16/2009)                                 | Mouse Mab    |
| IT-003-005M1         | Anti-HA (H5N1) (A/Anhui/1/2005)                                  | Mouse Mab    |
| IT-003-005M2         | Anti-H5 (H5N1)   | Mouse Mab    |
| IT-003-005M3         | Anti-H5 (H5N1)   | Mouse Mab    |
| IT-003-005M4         | Anti-H5 (H5N1) (Clade 2)   | Mouse Mab    |
| IT-003-005M5         | Anti-H5 (H5N1) (Pan)   | Mouse Mab    |
| IT-003-005M6         | Anti-H5 (H5N1) (Pan)   | Mouse Mab    |
| IT-003-005M7         | Anti-H5 (H5N1) (Pan)   | Mouse Mab    |
| IT-003-005M8         | Anti-H5 (H5N1) (Pan)   | Mouse Mab    |
| IT-003-005IM1        | Anti-H5 (H5N1) (A/Indonesia/5/05)                                | Mouse Mab    |
| IT-003-005IM2        | Anti-H5 (H5N1) (A/Indonesia/5/05)                                | Mouse Mab    |
| IT-003-007M1         | Anti-H6 (A/northern shoveler/California/<br>HKWF115/2007 (H6N1)) | Mouse Mab    |

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| Cat. #               | Description  | Product Type |
|----------------------|--|--------------|
| IT-003-008M1         | Anti-HA (H7N7) (A/chicken/Netherlands/1/03)        | Mouse Mab    |
| IT-003-009M1         | Anti-HA (H9N2) (A/Guinea fowl/Hong Kong/WF10/99)   | Mouse Mab    |
| IT-003-009M2         | Anti-HA (H9N2) (A/Guinea fowl/Hong Kong/WF10/99)   | Mouse Mab    |
| IT-003-009M2-Biotin  | Anti-HA (H9N2) Biotin conjugated                   | Mouse Mab    |
| IT-003-009M2-HRP     | Anti-HA (H9N2) HRP conjugated                      | Mouse Mab    |
| IT-003-013M1         | Anti-H12 (H12N5)                                   | Mouse Mab    |
| IT-003-013M2         | Anti-H12 (H12N5)                                   | Mouse Mab    |
| IT-003-013M3         | Anti-H12 (H12N5)                                   | Mouse Mab    |
| IT-003-014M1         | Anti-H4 (A/environment/Maryland/1101/2006 (H4N6))  | Mouse Mab    |
| IT-003-014M2         | Anti-H4 (A/environment/Maryland/1101/2006 (H4N6))  | Mouse Mab    |
| IT-003-014M3         | Anti-H4 (A/environment/Maryland/1101/2006 (H4N6))  | Mouse Mab    |
| IT-003-014M4         | Anti-H4 (A/environment/Maryland/1101/2006 (H4N6))  | Mouse Mab    |
| IT-003-014M5         | Anti-H4 (A/environment/Maryland/1101/2006 (H4N6))  | Mouse Mab    |
| IT-003-014M6         | Anti-H4 (A/environment/Maryland/1101/2006 (H4N6))  | Mouse Mab    |
| IT-003-016M1         | Anti-H13 (H13N8)                                   | Mouse Mab    |
| IT-003-016M2         | Anti-H13 (H13N8)                                   | Mouse Mab    |
| IT-003-016M3         | Anti-H13 (H13N8)                                   | Mouse Mab    |
| IT-003-017M1         | Anti-H14 (H14N5)                                   | Mouse Mab    |
| IT-003-017M2         | Anti-H14 (H14N5)                                   | Mouse Mab    |
| IT-003-017M3         | Anti-H14 (H14N5)                                   | Mouse Mab    |
| IT-003-018M1         | Anti-H15 (A/duck/AUS/341/1983 (H15N8))             | Mouse Mab    |
| IT-003-018M2         | Anti-H15 (A/duck/AUS/341/1983 (H15N8))             | Mouse Mab    |
| IT-003-019M1         | Anti-H16 (A/black-headed gull/Sweden/5/99 (H16N3)) | Mouse Mab    |
| IT-003-019M2         | Anti-H16 (A/black-headed gull/Sweden/5/99 (H16N3)) | Mouse Mab    |
| IT-003-019M3         | Anti-H16 (A/black-headed gull/Sweden/5/99 (H16N3)) | Mouse Mab    |
| IT-003-019M4         | Anti-H16 (A/black-headed gull/Sweden/5/99 (H16N3)) | Mouse Mab    |
| IT-003-Pan-M1        | Anti-HA (Pan)                                      | Mouse Mab    |
| IT-003-Pan-M1-Biotin | Anti-HA (Pan) Biotin conjugated                    | Mouse Mab    |
| IT-003-Pan-M1-HRP    | Anti-HA (Pan) HRP conjugated                       | Mouse Mab    |
| IT-003-Pan-M2        | Anti-HA (Pan)                                      | Mouse Mab    |
| IT-003-Pan-M3        | Anti-HA (Pan)                                      | Mouse Mab    |
| IT-003-Pan-M4        | Anti-HA (Pan)                                      | Mouse Mab    |
| IT-003-Pan-M5        | Anti-HA (Pan)                                      | Mouse Mab    |
| IT-003-032M1         | Anti-HA (B/Malaysia/2506/2004)                     | Mouse Mab    |
| IT-003-032M2         | Anti-HA (Influenza B (Seasonal))                   | Mouse Mab    |
| IT-003-032M3         | Anti-HA ( $\Delta$ TM) (B/Brisbane/60/2008)        | Mouse Mab    |
| IT-003-032M4         | Anti-HA ( $\Delta$ TM) (B/Brisbane/60/2008)        | Mouse Mab    |
| IT-003-032Pan-M1     | Anti-HA (Influenza B (Seasonal))                   | Mouse Mab    |
| IT-003-036M1         | Anti-M1 (A/California/04/2009 (H1N1))              | Mouse Mab    |
| IT-003-039M1         | Anti-N1 (H1N1) (Seasonal)                          | Mouse Mab    |

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|------------------|--|--------------|
| IT-003-039M2     | Anti-N1 (H1N1) (Seasonal)                  | Mouse Mab    |
| IT-003-039M3     | Anti-N1 (H1N1) (Seasonal)                  | Mouse Mab    |
| IT-003-021M1     | Anti-N1 (H5N1)                             | Mouse Mab    |
| IT-003-021M2     | Anti-N1 (H5N1)                             | Mouse Mab    |
| IT-003-021M3     | Anti-N1 (H5N1)                             | Mouse Mab    |
| IT-003-020M1     | Anti-N2 (H3N2)                             | Mouse Mab    |
| IT-003-020M2     | Anti-N2 (H3N2)                             | Mouse Mab    |
| IT-003-020M3     | Anti-N2 (H3N2)                             | Mouse Mab    |
| IT-003-026M1     | Anti-NS1 (A/California/06/2009/H1N1)       | Mouse Mab    |
| IT-003-026M2     | Anti-NS1 (A/California/06/2009/H1N1)       | Mouse Mab    |
| IT-003-027M1     | Anti-N2 (H9N2)                             | Mouse Mab    |
| IT-003-027M2     | Anti-N2 (H9N2)                             | Mouse Mab    |
| IT-003-028M1     | Anti-N7 (H7N7)                             | Mouse Mab    |
| IT-003-028M2     | Anti-N7 (H7N7)                             | Mouse Mab    |
| IT-003-SWM1      | Anti-H1 (A/Swine/(H1N1))                   | Mouse Mab    |
| IT-003-SW5M1     | Anti-H1 (A/New Jersey/8/1976 (H1N1))       | Mouse Mab    |
| IT-003-SW5M2     | Anti-H1 (A/New Jersey/8/1976 (H1N1))       | Mouse Mab    |
| IT-003-SW5M3     | Anti-H1 (A/New Jersey/8/1976 (H1N1))       | Mouse Mab    |
| IT-003-SW8M1     | Anti-H1 (A/swine/England/WVL7/1992 (H1N1)) | Mouse Mab    |
| IT-003-SW8M2     | Anti-H1 (A/swine/England/WVL7/1992 (H1N1)) | Mouse Mab    |
| IT-003-SW8M3     | Anti-H1 (A/swine/England/WVL7/1992 (H1N1)) | Mouse Mab    |
| IT-003-SW8M4     | Anti-H1 (A/swine/England/WVL7/1992 (H1N1)) | Mouse Mab    |
| IT-003-SW8M5     | Anti-H1 (A/swine/England/WVL7/1992 (H1N1)) | Mouse Mab    |
| IT-003-SW9M1     | Anti-H1 (A/swine/Guangxi/13/2006 (H1N2))   | Mouse Mab    |
| IT-003-SW9M2     | Anti-H1 (A/swine/Guangxi/13/2006 (H1N2))   | Mouse Mab    |
| IT-003-SW9M3     | Anti-H1 (A/swine/Guangxi/13/2006 (H1N2))   | Mouse Mab    |
| IT-003-SW-Pan-M1 | Anti-H1 (A/swine/Pan)                      | Mouse Mab    |

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|--------------------|---|----------------|
| IT-003-0010p       | HA1 (H1N1/PR8/34)                         | 293 expression |
| IT-003-0011p       | HA1 (H1N1) (A/Solomon Islands/3/2006)     | 293 expression |
| IT-003-0011 Δ TMp  | HA (Δ TM) (H1N1/A/Solomon Islands/3/2006) | 293 expression |
| IT-003-0012p       | HA1 (H1N1) (A/Brisbane/59/2007)           | 293 expression |
| IT-003-0012 Δ TMp  | HA (H1N1) (A/Brisbane/59/2007)            | 293 expression |
| IT-003-0012Hp      | HA (Head region) (A/Brisbane/59/2007)     | 293 expression |
| IT-003-0013p       | HA1 (H1N1) (A/WS/33)                      | 293 expression |
| IT-003-0014p       | HA1 (A/South Carolina/1/18 (H1N1))        | 293 expression |
| IT-003-0014 Δ TMp  | HA (Δ TM) (A/South Carolina/1/18/ (H1N1)) | 293 expression |
| IT-003-0015p       | HA1 (A/Bel/1942 (H1N1))                   | 293 expression |
| IT-003-0016p       | HA1 (A/USSR/92/77 (H1N1))                 | 293 expression |
| IT-003-0017p       | HA1 (A/Albany/12/1951 (H1N1))             | 293 expression |
| IT-003-0018p       | HA1 (A/Phila/1935 (H1N1))                 | 293 expression |
| IT-003-0019p       | HA1 (A/Memphis/1/1987 (H1N1))             | 293 expression |
| IT-003-001p        | HA1 (H1N1) (A/New Caledonia/20/99)        | 293 expression |
| IT-003-001 Δ TMp   | HA (Δ TM) (H1N1/A/New Caledonia/20/99)    | 293 expression |
| IT-003-0031p       | HA (Δ TM) (H2N2) (A/Canada/720/05)        | 293 expression |
| IT-003-0032 Δ TMp  | HA (Δ TM) (A/Japan/305/1957 (H2N2))       | 293 expression |
| IT-003-003p        | HA1 (H2N2) (A/Canada/720/05)              | 293 expression |
| IT-003-004p        | HA1 (H3N2) (A/Wyoming/3/03)               | 293 expression |
| IT-003-004 Δ TMp   | HA (Δ TM) (H3N2/Wyoming/3/03)             | 293 expression |
| IT-003-0041p       | HA1 (H3N2) (A/Wisconsin/67/X-161/2005)    | 293 expression |
| IT-003-0041 Δ TMp  | HA (Δ TM) (H3N2/Wisconsin/67/X-161/2005)  | 293 expression |
| IT-003-0042p       | HA1 (H3N2) (A/Brisbane/10/2007)           | 293 expression |
| IT-003-0042 Δ TMp  | HA (Δ TM) (H3N2) (A/Brisbane/10/2007)     | 293 expression |
| IT-003-0043 Δ TMp  | HA (Δ TM) (A/Aichi/2/1968 (H3N2))         | 293 expression |
| IT-003-0044 Δ TMp  | HA (Δ TM) (H3N2/Wisconsin/15/2009)        | 293 expression |
| IT-003-0045 Δ TMp  | HA (Δ TM) (H3N2/Perth/16/2009)            | 293 expression |
| IT-003-0046 Δ TMp  | H3 (Δ TM) (H3N2) (A/Fujian/411/02)        | 293 expression |
| IT-003-0047 Δ TMp  | H3 (Δ TM) (H3N2) (A/Panama/07/99)         | 293 expression |
| IT-003-0048 Δ TMp  | H3 (Δ TM) (H3N2) (A/Sydney/5/97)          | 293 expression |
| IT-003-0049 Δ TMp  | H3 (Δ TM) (H3N2) (A/Wuhan/359/95)         | 293 expression |
| IT-003-00410 Δ TMp | H3 (Δ TM) (H3N2) (A/Johannesburg/33/94)   | 293 expression |
| IT-003-00411 Δ TMp | H3 (Δ TM) (H3N2) (A/Beijing/32/92)        | 293 expression |
| IT-003-00412 Δ TMp | H3 (Δ TM) (H3N2) (A/Guizhou/54/89)        | 293 expression |
| IT-003-00413 Δ TMp | H3 (Δ TM) (H3N2) (A/Shanghai/11/87)       | 293 expression |
| IT-003-00414 Δ TMp | H3 (Δ TM) (H3N2) (A/Christchurch/4/85)    | 293 expression |
| IT-003-00415 Δ TMp | H3 (Δ TM) (H3N2) (A/Mississippi/1/85)     | 293 expression |
| IT-003-00416 Δ TMp | H3 (Δ TM) (H3N2) (A/Philippines/2/82)     | 293 expression |
| IT-003-00417 Δ TMp | H3 (Δ TM) (H3N2) (A/Victoria/3/75)        | 293 expression |

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|--------------------|--|----------------|
| IT-003-00418 Δ TMp | H3 (ΔTM) (H3N2) (A/Hong Kong/8/68)                     | 293 expression |
| IT-003-00419 Δ TMp | H3 (ΔTM) (H3N2) (A/Texas/1/77)                         | 293 expression |
| IT-003-00420 Δ TMp | H3 (ΔTM) (H3N2) (A/England/42/72)                      | 293 expression |
| IT-003-00421p      | HA1 (H3N2) (A/VICTORIA/210/2009)                       | 293 expression |
| IT-003-00421 Δ TMp | HA (ΔTM) (H3N2) (A/VICTORIA/208/2009)                  | 293 expression |
| IT-003-00511p      | HA (A/Egypt/2321-NAMRU3/2007 (H5N1))                   | 293 expression |
| IT-003-00512p      | HA (A/Egypt/chicken/2253-1/2006 (H5N1))                | 293 expression |
| IT-003-00513p      | HA (A/goose/Guiyang/337/2006 (H5N1))                   | 293 expression |
| IT-003-00514p      | HA (A/Japanese white-eye/HK/1038/2006 (H5N1))          | 293 expression |
| IT-003-00515p      | HA (A/Common magpie/HK/2256/2006 (H5N1))               | 293 expression |
| IT-003-00516p      | HA (A/chicken/India/NIV33487/2006 (H5N1))              | 293 expression |
| IT-003-00519p      | HA1 (H5N1) (A/Hubei/1/2010)                            | 293 expression |
| IT-003-00519 Δ TMp | HA (Δ TM) (H5N1) (A/Hubei/1/2010)                      | 293 expression |
| IT-003-00520p      | HA1 (H5N1) (A/Egypt/N03072/2010)                       | 293 expression |
| IT-003-00520 Δ TMp | HA (Δ TM) (H5N1) (A/Egypt/N03072/2010 )                | 293 expression |
| IT-003-0051p       | H5 (H5N1) (A/Vietnam/1203/2004)                        | 293 expression |
| IT-003-0052p       | H5 (H5N1) (A/Indonesia/5/2005)                         | 293 expression |
| IT-003-0052 Δ TMp  | HA (Δ TM) (H5N1) (A/Indonesia/5/2005)                  | 293 expression |
| IT-003-0053p       | H5 (H5N1) (A/Anhui/1/2005)                             | 293 expression |
| IT-003-0053 Δ TMp  | HA (Δ TM) (H5N1) (A/Anhui/1/2005)                      | 293 expression |
| IT-003-0054p       | HA (B/Malaysia/2506/2004)                              | 293 expression |
| IT-003-0055p       | HA (A/Bar-headed Goose/Qinghai/12/05)                  | 293 expression |
| IT-003-0056p       | HA1 (H5N1) (A/Hong Kong/156/97)                        | 293 expression |
| IT-003-0061 Δ TMp  | HA (Δ TM) (A/Swine/99 (H4N6))                          | 293 expression |
| IT-003-005p        | HA1 (H5N1) (Human)                                     | 293 expression |
| IT-003-006p        | HA1 (H4N6) (Influenza A)                               | 293 expression |
| IT-003-006 Δ TMp   | HA (Δ TM) (H4N6) (A/Swine/Ontario/01911-1/99)          | 293 expression |
| IT-003-007 Δ TMp   | HA (Δ TM) (H7N7/England/268/96)                        | 293 expression |
| IT-003-008p        | HA1 (H7N7) (A/chicken/Netherlands/1/03)                | 293 expression |
| IT-003-008 Δ TMp   | HA (A/chicken/Netherlands/1/03 (H7N7))                 | 293 expression |
| IT-003-009p        | HA1 (H9N2) (A/Guinea fowl/Hong Kong/WF10/99)           | 293 expression |
| IT-003-009 Δ TMp   | HA (Δ TM) (H9N2/Guinea fowl/Hong Kong/WF10/99)         | 293 expression |
| IT-003-0091 Δ TMp  | HA (Δ TM) (A/Hongkong/1073/1999 (H9N2))                | 293 expression |
| IT-003-0092 Δ TMp  | HA (Δ TM) (A/Chicken/Hong Kong/G9/97 (H9N2))           | 293 expression |
| IT-003-0094p       | HA1 (H9N2) (A/Hong Kong/33982/2009)                    | 293 expression |
| IT-003-0094 Δ TMp  | HA (ΔTM) (H9N2) (A/Hong Kong/33982/2009)               | 293 expression |
| IT-003-010p        | HA1 (H8N4) (Influenza A)                               | 293 expression |
| IT-003-011p        | HA1 (A/blue-winged teal/Louisiana/Sg-00073/07 (H10N7)) | 293 expression |

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| Cat. #             | Description   | Protein Type   |
|--------------------|---|----------------|
| IT-003-011 Δ TMp   | H10 (Δ TM) (A/blue-winged teal/Louisiana/Sg-00073/07 (H10N7)) | 293 expression |
| IT-003-012p        | HA1 (H11N2) (Influenza A)                                     | 293 expression |
| IT-003-012 Δ TMp   | H11 (Δ TM) (A/duck/Yangzhou/906/2002 (H11N2))                 | 293 expression |
| IT-003-013p        | HA1 (H12N5) (Influenza A)                                     | 293 expression |
| IT-003-013 Δ TMp   | H12 (Δ TM) (A/green-winged teal/ALB/199/1991 (H12N5))         | 293 expression |
| IT-003-014p        | HA1 (A/black-headed gull/Netherlands/1/00 (H13N8))            | 293 expression |
| IT-003-014 Δ TMp   | HA (Δ TM) (A/black-headed gull/Netherlands/1/00 (H13N8))      | 293 expression |
| IT-003-015p        | HA1 (A/mallard/Astrakhan/263/1982 (H14N5))                    | 293 expression |
| IT-003-015 Δ TMp   | HA (Δ TM) (A/mallard/Astrakhan/263/1982 (H14N5))              | 293 expression |
| IT-003-016p        | HA1 (A/duck/AUS/341/1983 (H15N8))                             | 293 expression |
| IT-003-016 Δ TMp   | HA (Δ TM) (A/duck/AUS/341/1983 (H15N8))                       | 293 expression |
| IT-003-017p        | HA1 (A/black-headed gull/Sweden/5/99 (H16N3))                 | 293 expression |
| IT-003-017 Δ TMp   | HA (Δ TM) (A/black-headed gull/Sweden/5/99 (H16N3))           | 293 expression |
| IT-003-018 Δ TMp   | HA (Δ TM) (H5N2) (A/California/HKWF609/2007)                  | 293 expression |
| IT-003-019 Δ TMp   | HA (Δ TM) (H5N3) (A/duck/Hokkaido/167/2007)                   | 293 expression |
| IT-003-020 Δ TMp   | HA (Δ TM) (H5N8) (A/duck/NY/191255-59/02)                     | 293 expression |
| IT-003-00101 Δ TMp | HA (Δ TM) (A/Hawaii/19/2007 (H1N1))                           | 293 expression |
| IT-003-023p        | NP (H5N1) (A/Indonesia/5/2005)                                | 293 expression |
| IT-003-B2p         | HA (Δ TM) (B/Florida/4/2006)                                  | 293 expression |
| IT-003-B3p         | HA (Δ TM) (B/Brisbane/60/2008)                                | 293 expression |
| IT-003-B6p         | HA (Δ TM) (B/Victoria/2/87)                                   | 293 expression |
| IT-003-B7p         | HA1 (B/Wisconsin/01/2010)                                     | 293 expression |
| IT-003-B7Δ TMp     | HA (Δ TM) (B/Wisconsin/01/2010)                               | 293 expression |
| IT-003-SW1p        | HA1 (A/California/06/2009 (H1N1))                             | 293 expression |
| IT-003-SW1 Δ TMp   | HA (Δ TM) (A/California/06/2009) (H1N1)                       | 293 expression |
| IT-003-SW1Hp       | HA (Head Region) (A/Mexico/InDRE4114/2009 (H1N1))             | 293 expression |
| IT-003-SW2 Δ TMp   | HA (Δ TM) (A/Ohio/01/2007 (H1N1))                             | 293 expression |
| IT-003-SW3p        | HA1 (A/swine/Iowa/15/1930 (H1N1))                             | 293 expression |
| IT-003-SW4p        | HA1 (A/swine/Wisconsin/2/1966 (H1N1))                         | 293 expression |
| IT-003-SW5p        | HA1 (A/New Jersey/8/1976 (H1N1))                              | 293 expression |
| IT-003-SW6p        | HA1 (A/Swine/Wisconsin/136/97 (H1N1))                         | 293 expression |
| IT-003-SW7p        | HA1 (A/swine/Belgium/1/83 (H1N1))                             | 293 expression |
| IT-003-SW8p        | HA1 (A/swine/England/WVL7/1992 (H1N1))                        | 293 expression |
| IT-003-SW9p        | HA1 (A/swine/Guangxi/13/2006 (H1N2))                          | 293 expression |
| IT-003-SW10p       | HA1 (A/swine/Zhejiang/1/2007 (H1N1))                          | 293 expression |
| IT-003-SW11Δ TMp   | HA (Δ TM) (A/Beijing/01/2009 (H1N1))                          | 293 expression |

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| Cat. #          | Description                            | Protein Type       |
|-----------------|--|--------------------|
| IT-003-SW12ΔTMp | HA (ΔTM) (A/California/07/2009 (H1N1)) | 293 expression     |
| IT-003-SW13ΔTMp | HA (ΔTM) (A/Beijing/22808/2009 (H1N1)) | 293 expression     |
| IT-003-SW14ΔTMp | HA (ΔTM) (A/New York/06/2009 (H1N1))   | 293 expression     |
| IT-003-SW15ΔTMp | HA (ΔTM) (A/New York/6868/2009 (H1N1)) | 293 expression     |
| IT-003-SW16ΔTMp | HA (ΔTM) (A/Texas/05/2009 (H1N1))      | 293 expression     |
| IT-003-SW21p    | NS1 (A/California/04/2009 (H1N1))      | 293 expression     |
| IT-003-SW21Ep   | NS1 (A/California/04/2009 (H1N1))      | E. coli expression |
| IT-003-SW23Ep   | M1 (A/California/04/2009 (H1N1))       | E. coli expression |
| IT-003-024Ep    | NP (H3N2) (A/Brisbane/10/2007)         | E. coli expression |
| IT-003-025Ep    | M1 (H5N1) (A/Thailand/1 (KAN-1) /2004) | E. coli expression |
| IT-003-026Ep    | NP (H5N1) (A/Thailand/1 (KAN-1) /2004) | E. coli expression |
| IT-003-027Ep    | NP (H1N1) (A/06/California/2009)       | E. coli expression |
| IT-003-028Ep    | NP (H1N1) (A/Brisbane/10/2007)         | E. coli expression |
| IT-003-029Ep    | NP (H7N7) (A/Netherlands/219/2003)     | E. coli expression |
| IT-003-030Ep    | NP (H9N2) (A/HK/2108/2003)             | E. coli expression |
| IT-003-031Ep    | NS1 (A/Brisbane/10/2007 (H3N2))        | E. coli expression |
| IT-003-032Ep    | M1 (H1N1) (A/New Caledonia/20/1999)    | E. coli expression |
| IT-003-033Ep    | M1 (H3N2) (A/Wyoming/3/03)             | E. coli expression |