

Materials List for:

# High-resolution Melting PCR for Complement Receptor 1 Length Polymorphism Genotyping: An Innovative Tool for Alzheimer's Disease Gene Susceptibility Assessment

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## Materials

| Name                                                 | Company                                              | Catalog Number | Comments          |
|------------------------------------------------------|------------------------------------------------------|----------------|-------------------|
| Lab coat                                             |                                                      |                | protection        |
| SensiCarelce powder-free Nitrile Exam gloves         | Medline Industries, Inc, Mundelein, IL 60060, USA    | 486802         | sample protection |
| Eppendorf Reference 2 pipette, 0,5-10µL              | Eppendorf France SAS, F-78360 Montesson, France      | 4920000024     | sample pipetting  |
| Eppendorf Reference 2 pipette, 20-100µL              | Eppendorf France SAS, F-78360 Montesson, France      | 4920000059     | sample pipetting  |
| Eppendorf Reference 2 pipette, 100-1000µL            | Eppendorf France SAS, F-78360 Montesson, France      | 4920000083     | sample pipetting  |
| TipOne 10µL Graduated, filter tip                    | Starlab GmbH, D-22926 Ahrenburg, Germany             | S1121-3810     | sample pipetting  |
| TipOne 1-100µL bevelled, filter tip                  | Starlab GmbH, D-22926 Ahrenburg, Germany             | S1120-1840     | sample pipetting  |
| ART 1000E Barrier Tip                                | Thermo Fischer Scientific , F-67403 Illkirch, France | 2079E          | sample pipetting  |
| Eppendorf Safe-Lock Tubes, 1.5 mL, Eppendorf Quality | Eppendorf France SAS, F-78360 Montesson, France      | 0030120086     | mix               |
| Vortex-Genie 2                                       | Scientific Industries, Inc, Bohemia, NY 111716, USA  | SI-0236        | mix               |
| QIAamp DNA Mini Kit (250)                            | Qiagen SA, F-91974 Courtaboeuf, France               | 51306          | DNA Extraction    |
| Buffer AL                                            | Qiagen SA, F-91974 Courtaboeuf, France               | 19075          | Lysis buffer      |
| QIAamp Mini Spin Column                              | Qiagen SA, F-91974 Courtaboeuf, France               | 1011706        | DNA binding       |
| Buffer AW1                                           | Qiagen SA, F-91974 Courtaboeuf, France               | 19081          | Wash buffer       |
| Buffer AW2                                           | Qiagen SA, F-91974 Courtaboeuf, France               | 19072          | Wash buffer       |
| Biowave DNA spectrophotometer                        | Biochrom Ltd, Cambridge CB4 OFJ, England             | 80-3004-70     | DNA concentration |
| Mikro 200 centrifuge                                 | Hettich Zentrifugen, D-78532, Germany                | 0002020-02-00  | centrifugation    |
| Multipette E3                                        | Eppendorf France SAS, F-78360 Montesson, France      | 4987000010     | distribution      |

|                                                |                                                        |             |                                                          |
|------------------------------------------------|--------------------------------------------------------|-------------|----------------------------------------------------------|
| Light Cycler 480 multiwell plate 96, white     | Roche Diagnostics GmbH, D-68305 Mannheim, Germany      | 04729692001 | reaction place                                           |
| Light Cycler 480 sealing foil                  | Roche Diagnostics GmbH, D-68305 Mannheim, Germany      | 04429757001 | coverage                                                 |
| Heraeus Megafuge 11R centrifuge                | Thermo Fischer Scientific , F-67403 Illkirch, France   | 75004412    | centrifugation                                           |
| LightCycler 480 Instrument II, 96-well         | Roche Diagnostics GmbH, D-68305 Mannheim, Germany      | 05015278001 | high resolution melting polymerase chain reaction        |
| LightCycler 480 High Resolution Melting Master | Roche Diagnostics GmbH, D-68305 Mannheim, Germany      | 04909631001 | reaction reagents                                        |
| light cycler 480 SW 1.5.1 software             | Roche Diagnostics GmbH, D-68305 Mannheim, Germany      |             | software used for HRM PCR CR1 polymorphism data analysis |
| CN3 primer: 5'ggccttagacttcctgc 3'             | Eurogentec Biologics Division, B-4102 Seraing, Belgium |             | reaction reagent                                         |
| CN3re primer: 5'gttgacaaattggcggcttcg 3'       | Eurogentec Biologics Division, B-4102 Seraing, Belgium |             | reaction reagent                                         |