

## Brain Glioblastoma (Grade 4) TMA

Catalogue Number: ARY-HH0080

Lot Number: 002

Availability: By Order

Description: 30 cases of grade 4 glioblastoma, in duplicate

Species: Human

Fixative: Formalin

Total Cores: 80

Layout: 10 x 8

Core Size: 1.5 mm

Section Thickness: 5 microns

Validation: Validated for Immunohistochemistry

|             |   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  |
|-------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Slide Label | a | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb |
|             | b | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb |
|             | c | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb |
|             | d | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb |
|             | e | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb |
|             | f | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb |
|             | g | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb |
|             | h | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb | Crb |

| Pos    | Sex | Age | Tissue           | Pathology Diagnosis           | Grade |
|--------|-----|-----|------------------|-------------------------------|-------|
| (a,1)  | M   | 64  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (a,2)  | M   | 64  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (a,3)  | F   | 18  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (a,4)  | F   | 18  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (a,5)  | M   | 20  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (a,6)  | M   | 20  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (a,7)  | F   | 41  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (a,8)  | F   | 41  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (a,9)  | F   | 31  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (a,10) | F   | 31  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (b,1)  | F   | 45  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (b,2)  | F   | 45  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (b,3)  | M   | 9   | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (b,4)  | M   | 9   | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (b,5)  | M   | 47  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (b,6)  | M   | 47  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (b,7)  | F   | 52  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (b,8)  | F   | 52  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (b,9)  | M   | 59  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (b,10) | M   | 59  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (c,1)  | F   | 61  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (c,2)  | F   | 61  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (c,3)  | M   | 43  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (c,4)  | M   | 43  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (c,5)  | M   | 59  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (c,6)  | M   | 59  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 3-4   |
| (c,7)  | F   | 6   | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (c,8)  | F   | 6   | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (c,9)  | M   | 63  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |
| (c,10) | M   | 63  | Brain (Cerebrum) | Glioblastoma multiforme (GBM) | 4     |

| Pos    | Sex | Age | Tissue           | Pathology Diagnosis                                  | Grade |
|--------|-----|-----|------------------|--|-------|
| (d,1)  | M   | 23  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (d,2)  | M   | 23  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (d,3)  | M   | 19  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (d,4)  | M   | 19  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (d,5)  | M   | 47  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (d,6)  | M   | 47  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (d,7)  | F   | 68  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (d,8)  | F   | 68  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (d,9)  | M   | 26  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (d,10) | M   | 26  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (e,1)  | M   | 40  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (e,2)  | M   | 40  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (e,3)  | M   | 44  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (e,4)  | M   | 44  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (e,5)  | F   | 32  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (e,6)  | F   | 32  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (e,7)  | M   | 43  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (e,8)  | M   | 43  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (e,9)  | F   | 59  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (e,10) | F   | 59  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (f,1)  | M   | 40  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (f,2)  | M   | 40  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (f,3)  | M   | 30  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (f,4)  | M   | 30  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (f,5)  | F   | 30  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (f,6)  | F   | 30  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (f,7)  | F   | 38  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (f,8)  | F   | 38  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (f,9)  | F   | 58  | Brain (Cerebrum) | Glioblastoma (cataplasia tissue and necrosis tissue) | -     |
| (f,10) | F   | 58  | Brain (Cerebrum) | Glioblastoma (cataplasia tissue and necrosis tissue) | -     |
| (g,1)  | F   | 43  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (g,2)  | F   | 43  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (g,3)  | F   | 42  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (g,4)  | F   | 42  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (g,5)  | M   | 50  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (g,6)  | M   | 50  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (g,7)  | F   | 45  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (g,8)  | F   | 45  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (g,9)  | M   | 75  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (g,10) | M   | 75  | Brain (Cerebrum) | Glioblastoma multiforme (GBM)                        | 4     |
| (h,1)  | M   | 52  | Brain (Cerebrum) | Cancer adjacent normal cerebrum tissue               | -     |
| (h,2)  | M   | 52  | Brain (Cerebrum) | Cancer adjacent normal cerebrum tissue               | -     |
| (h,3)  | M   | 30  | Brain (Cerebrum) | Cancer adjacent normal cerebrum tissue               | -     |
| (h,4)  | M   | 30  | Brain (Cerebrum) | Cancer adjacent normal cerebrum tissue               | -     |
| (h,5)  | F   | 38  | Brain (Cerebrum) | Normal cerebrum tissue                               | -     |
| (h,6)  | F   | 38  | Brain (Cerebrum) | Normal cerebrum tissue                               | -     |
| (h,7)  | F   | 50  | Brain (Cerebrum) | Normal cerebrum tissue                               | -     |
| (h,8)  | F   | 50  | Brain (Cerebrum) | Normal cerebrum tissue                               | -     |
| (h,9)  | F   | 42  | Brain (Cerebrum) | Normal cerebrum tissue                               | -     |
| (h,10) | F   | 42  | Brain (Cerebrum) | Normal cerebrum tissue                               | -     |

Please note that the number and description of spots may vary between array lots.  
 Unauthorized use prohibited

Copyright© 2010 by US Biomax, Inc.