Tissue Microarray - Human Thyroid Carcinoma

Cat.-No.: 4012205 Sample Datasheet

| Slide Label |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | a | b | c | d | e | f | g | h |  |  |
| 1 | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ |  |  |
| 2 | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ |  |  |
| 3 | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ |  |  |
| 4 | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ |  |  |
| 5 | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ |  |  |
| 6 | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ |  |  |
| 7 | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ |  |  |  |  |  |
| 8 | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ |  |  |
| 9 | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ |  |  |
| 10 | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ |  |  |
| 11 | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ |  |  |
| 12 | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ |  |  |
| 13 | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ |  |  |

Technical Information: 101 spots

- Spot diameter: 1.5 mm
- Fixation in 4\% neutral buffered formaldehyde solution
- Paraffin embedded

Tissue type validated by immunohistochemistry

In vitro laboratory use only.
Not intended for any human or animal diagnostic or therapeutic use.

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| Position | Diagnostics | Specification | Sex | Age | Stage pT | Stage pN | Remarks |
| :---: | :--- | :--- | :---: | :---: | :---: | :---: | :---: |
| 1a | adenoma | predominantly <br> macrofollicular | m | 40 |  |  |  |
| 1b | adenoma | predominantly <br> macrofollicular | f | 41 |  |  |  |
| 1c | adenoma | predominantly <br> macrofollicular | m | 58 |  |  |  |
| 1d | adenoma | predominantly <br> macrofollicular | f | 66 |  |  |  |
| 1e | adenoma | predominantly <br> macrofollicular | f | 55 |  |  |  |
| 1f | adenoma | predominantly <br> macrofollicular | f | 24 |  |  |  |
| 1g | adenoma | predominantly <br> macrofollicular | f | 42 |  |  |  |
| 3b | adenoma | adenoma | predominantly <br> macrofollicular | m | 66 |  |  |
| 2h | adenoma | follicular | m | 41 |  |  |  |
| 2a | adenoma | predominantly <br> macrofollicular | m | 52 |  |  |  |
| 2a | macrofollicular |  |  |  |  |  |  |

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| Position | Diagnostics | Specification | Sex | Age | Stage pT | Stage pN | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3d | adenoma | follicular | m | 45 |  |  |  |
| 3 e | adenoma | follicular | f | 48 |  |  |  |
| $3 f$ | adenoma | follicular | f | 35 |  |  |  |
| 3 g | adenoma | follicular | f | 51 |  |  |  |
| 3h | adenoma | follicular | m | 68 |  |  |  |
| 4a | adenoma | follicular | m | 40 |  |  |  |
| 4b | adenoma | follicular | f | 55 |  |  |  |
| 4 c | adenoma | follicular | f | 47 |  |  |  |
| 4d | adenoma | follicular | f | 50 |  |  |  |
| 4 e | adenoma | follicular | f | 44 |  |  |  |
| 4 f | adenoma | follicular | m | 39 |  |  |  |
| 4 g | adenoma | oxyphil | f | 67 |  |  |  |
| 4h | adenoma | oxyphil | f | 46 |  |  |  |
| 5a | carcinoma | follicular | m | 39 | 2 | X | Same patient sampel as 4f |
| 5b | carcinoma | follicular | m | 34 | 2 | X |  |
| 5c | carcinoma | follicular | m | 60 | 2 | X |  |
| 5d | Regional carcinoma of metastais | follicular | f | 59 | X | 1 |  |
| 5 e | carcinoma | papillary | f | 66 | (m)2 | X |  |
| $5 f$ | normal |  | m | 66 |  |  |  |
| 5 g | carcinoma | papillary | f | 27 | 1 | 0 |  |
| 5 h | carcinoma | papillary | f | 46 | 2 | X |  |
| 6a | carcinoma | papillary | m | 67 | 2 | X |  |
| 6b | Normal thyroid | papillary | m | 56 |  |  | direct immediately agent to papillary carcinoma |
| 6c | carcinoma, lymph node metastasis | papillary | m | 56 | 4 | 1b | Same patient sample as 6b |

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| Position | Diagnostics | Specification | Sex | Age | Stage pT | Stage pN | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6d | carcinoma | papillary | f | 48 | 1 | X |  |
| 6 e | carcinoma | papillary | m | 27 | 2 | X |  |
| $6 f$ | carcinoma | medullary | f | 48 | 2 | 0 |  |
| 6 g | carcinoma | medullary | m | 42 | y4 | y1b |  |
| 6h | Carcinoma, lymph node metastasis | medullary | m | 42 | y4 | y1b | Same patient sample as 6 g |
| 7a | carcinoma | medullary | m | 44 | 2 | 1 |  |
| 7b | carcinoma | undiffernciated (insular) | m | 77 | 4 | X |  |
| 7c | carcinoma | undiffernciated (anaplastic) | f | 42 | 4a | 1 |  |
| 7d | metastasis renal cell carcinoma | Clear cell | f | 69 |  |  |  |
| 7 e | Metastasis renal cell carcinoma | Clear cell | m | 75 |  |  |  |
| 8a | Normal |  | m | 40 |  |  | Same patient as sample 1a |
| 8b | Normal |  | f | 41 |  |  | Same patient as sample 1b |
| 8c | Normal |  | m | 58 |  |  | Same patient as sample 1c |
| 8d | Normal |  | f | 66 |  |  | Same patient as sample 1d |
| 8 e | Normal |  | m | 52 |  |  | Same patient as sample 2a |
| 8 f | Normal |  | f | 47 |  |  | Same patient as sample 2d |
| 8g | Normal |  | m | 41 |  |  | Same patient as sample 3c |
| 8h | Normal |  | m | 45 |  |  | Same patient as sample 3d |
| 9 a | Normal |  | f | 51 |  |  | Same patient as sample 3g |
| 9b | Normal |  | m | 68 |  |  | Same patient as sample 3h |

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| Position | Diagnostics | Specification | Sex | Age | Stage pT | Stage pN | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9c | Normal |  | m | 40 |  |  | Same patient as sample 4a |
| 9d | Normal |  | f | 55 |  |  | Same patient as sample 4b |
| 9 e | Normal |  | f | 50 |  |  | Same patient as sample 4d |
| 9 f | Normal |  | m | 39 |  |  | Same patient as sample 4f |
| 9 g | Normal with partially lymphocytic thyroiditis |  | f | 34 |  |  | Same patient as sample 3a |
| 9 h | Normal with partially lymphocytic thyroiditis |  | f | 44 |  |  | Same patient as sample 4e |
| 10a | Normal with partially lymphocytic thyroiditis |  | f | 46 |  |  | Same patient as sample 4h |
| 10b | Normal |  | m | 39 |  |  | Same patient as sample 4f |
| 10c | Normal |  | m | 34 |  |  | Same patient as sample 5b |
| 10d | Normal |  | m | 60 |  |  | Same patient as sample 5c |
| 10e | Normal |  | f | 59 |  |  | Same patient as sample 5d |
| 10f | Normal |  | f | 66 |  |  | Same patient as sample 5e |
| 10 g | Normal |  | f | 27 |  |  | Same patient as sample 5 g |
| 10h | Normal |  | f | 46 |  |  | Same patient as sample 5h |
| 11a | Normal |  | m | 67 |  |  | Same patient as sample 6a |
| 11b | Normal |  | m | 56 |  |  | Same patient as sample 6c |
| 11c | Normal |  | f | 48 |  |  | Same patient as sample 6d |
| 11d | Normal |  | m | 27 |  |  | Same patient as sample 6e |
| 11e | Normal |  | f | 48 |  |  | Same patient as |

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| Position | Diagnostics | Specification | Sex | Age | Stage pT | Stage pN | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | sample 6 f |
| 11f | Normal |  | m | 44 |  |  | Same patient as sample 7a |
| 11 g | Normal |  | m | 77 |  |  | Same patient as sample 7b |
| 11h | Normal |  | f | 69 |  |  | Same patient as sample 7d |
| 12a | Normal |  | m | 75 |  |  | Same patient as sample 7e |
| 12b | Normal |  | f | 41 |  |  |  |
| 12c | Normal |  | f | 55 |  |  |  |
| 12d | Normal |  | m | 29 |  |  |  |
| 12 e | Normal |  | f | 65 |  |  |  |
| 12 f | Normal |  | f | 66 |  |  |  |
| 12g | Normal |  | f | 56 |  |  |  |
| 12h | Normal with partially lymphocytic thyroiditis |  | f | 57 |  |  |  |
| 13a | Morbus Basedow (Grave's disease/ diffuse toxic goiter) |  | f | 44 |  |  |  |
| 13b | Morbus Basedow (Grave's disease/ diffuse toxic goiter) |  | f | 59 |  |  |  |
| 13c | Morbus Basedow (Grave's disease/ diffuse toxic goiter) |  | f | 49 |  |  |  |
| 13d | Morbus Basedow (Grave's disease/ diffuse toxic goiter) |  | f | 48 |  |  |  |
| 13 e | Morbus Basedow (Grave's disease/ diffuse toxic goiter) |  | f | 37 |  |  |  |
| 13 f | Morbus Basedow (Grave's disease/ diffuse toxic goiter) |  | f | 39 |  |  |  |
| 13 g | Morbus Basedow (Grave's disease/ |  | f | 51 |  |  |  |

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(1) Sample Datasheet

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| Position | Diagnostics | Specification | Sex | Age | Stage pT | Stage pN | Remarks |
| :---: | :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | diffuse toxic goiter) |  |  |  |  |  |  |
| 13 h | Morbus Basedow <br> (Grave's disease/ <br> diffuse toxic goiter) |  | f | 38 |  |  |  |

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