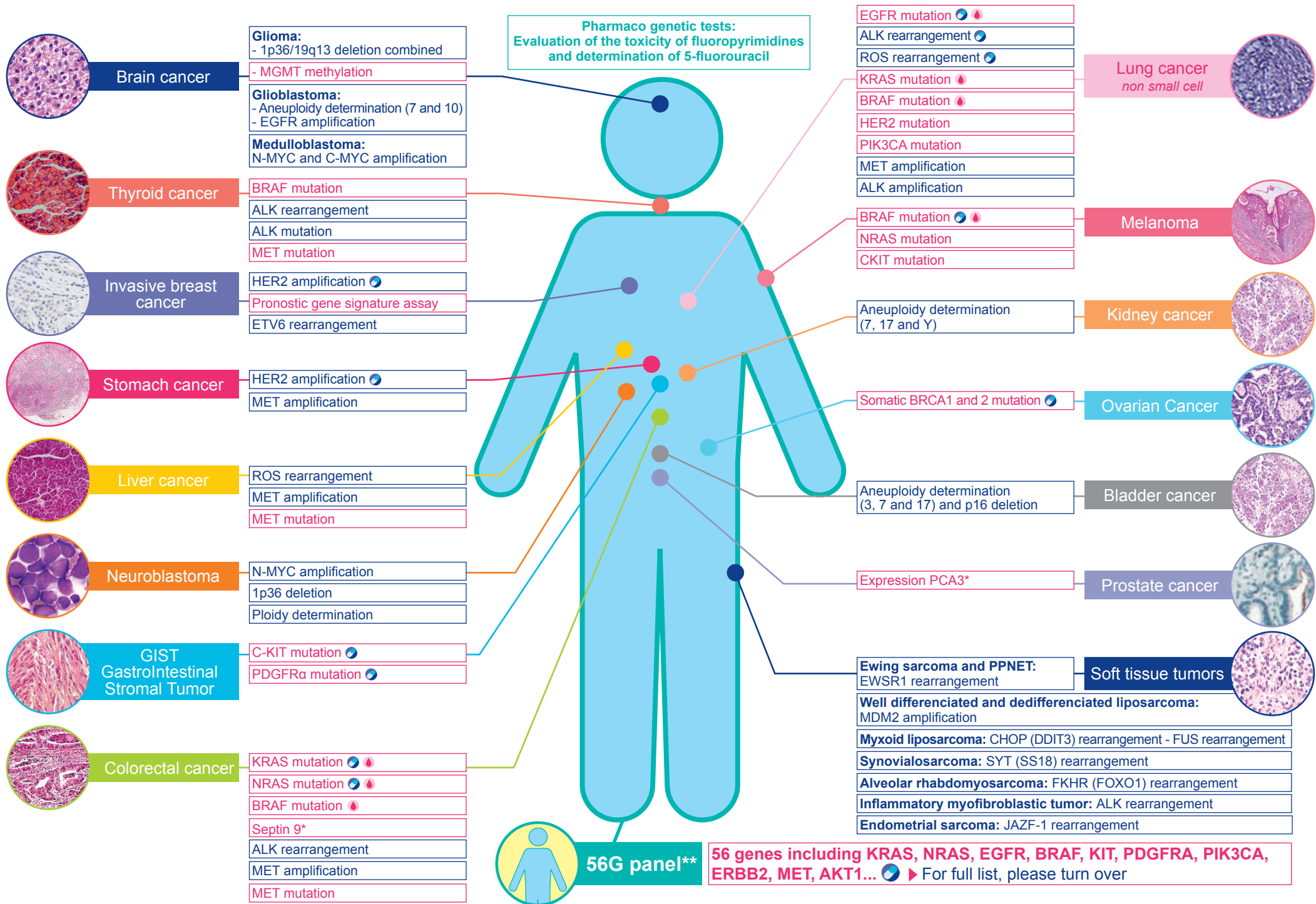




**Cytogenetic and genetic  
studies in patients with  
Solid tumors**



Colour code ▶

FISH analysis

Molecular biology analysis

🔍 = Companion Diagnostics (CDx) test with marketing approval

🔴 = Liquid biopsy: contact us

## Sample requirements and TAT

### Molecular cytogenetics

#### Fluorescent *in situ* Hybridization (FISH)

##### Fluorescent *in situ* hybridization is also available on:

- Paraffin embedded tumoral tissue (formalin or AFA - not Bouin) - [tumor block returned after analysis]  
**or**
- Paraffin Embedded tumor: 3 slides (4-5 µm thick)
- Frozen tumor: 3 slides (4-5 µm thick cuts)
- TAT: 10 days

##### ► Histology report is mandatory

### Molecular biology

##### Molecular biology is also available on:

- Paraffin embedded tumoral tissue (formalin or AFA - not Bouin) - [tumor sample is returned after analysis]  
**or**
- Paraffin Embedded tumor: 5 slides (4-5 µm thick)
- Frozen tumor: 5 slides (4-5 µm thick cuts)
- TAT: 3 days for KRAS, NRAS, BRAF or EGFR mutation.  
Other tests: contact us.

##### ► Histology report is mandatory

*\*For Prostate cancer PCA3 and Septin 9 analysis:  
consult our test guide on [www.eurofins.ie/biomnis](http://www.eurofins.ie/biomnis)*

### **\*\*56G panel**

|        |         |
|--------|---------|
| ABL1   | IDH2    |
| AKT1   | JAK2    |
| ALK    | JAK3    |
| APC    | KDR     |
| ATM    | KIT     |
| BRAF   | KRAS    |
| CDH1   | MAP2K1  |
| CDKN2A | MET     |
| CSF1R  | MLH1    |
| CTNNB1 | MPL     |
| DDR2   | MSH6    |
| DNMT3A | NOTCH1  |
| EGFR   | NPM1    |
| ERBB2  | NRAS    |
| ERBB4  | PDGFRA  |
| EZH2   | PIK3CA  |
| FBXW7  | PTEN    |
| FGFR1  | PTPN11  |
| FGFR2  | RB1     |
| FGFR3  | RET     |
| FLT3   | SKT11   |
| FOXL2  | SMAD4   |
| GNA11  | SMARCB1 |
| GNAQ   | SMO     |
| GNAS   | SRC     |
| HNF1A  | TP53    |
| HRAS   | TSC1    |
| IDH1   | VHL     |

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**Biomnis**