

AmoyDx

AmoyDx PCR

Solutions

AmoyDx

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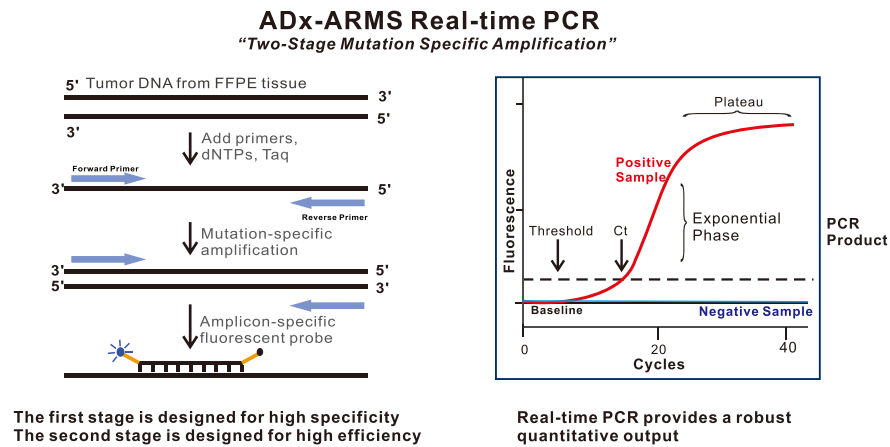
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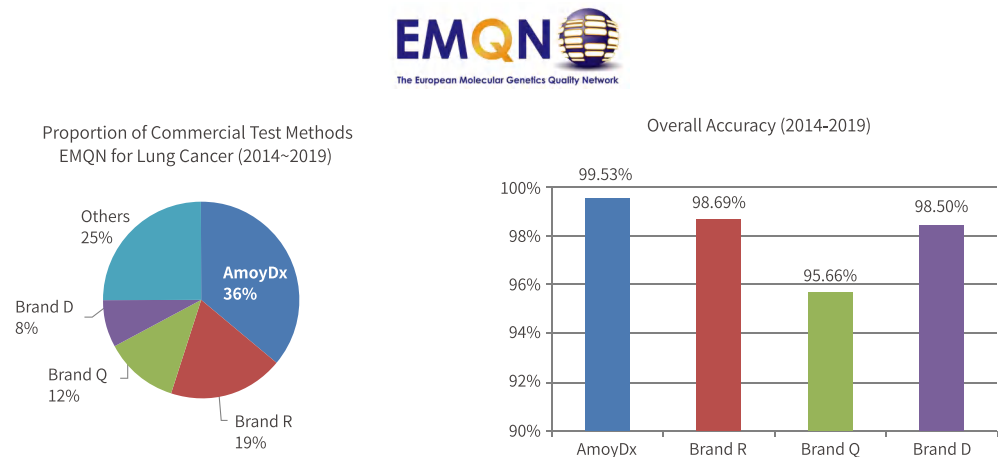
ADx-ARMS® Technology

Amplification refractory mutation system (ARMS) technology which comprises specific and fluorescent probes to detect gene mutations in real-time PCR assay. During the nucleic acid amplification, the targeted mutant DNA is matched with the bases at the 3' end of the primer, amplified selectively and efficiently, then the mutant amplicon is detected by fluorescent probes labeled with FAM. While the wild-type DNA cannot be matched with specific primers, there is no amplification occurs.



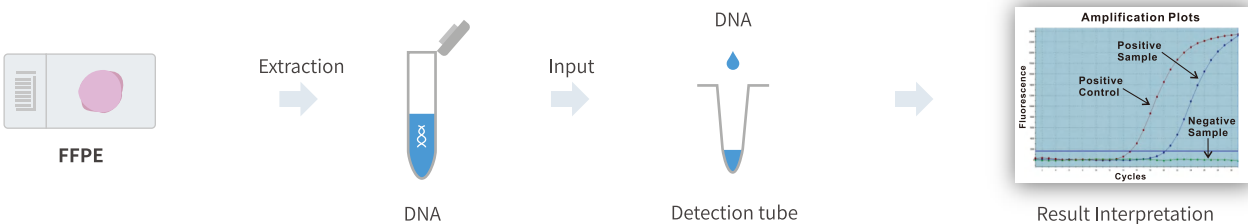
Reliable

ADx-ARMS has maintained the most widely used technology for 6 consecutive years (2014~2019) in EMQN external quality assessment scheme for lung cancer, with the highest accuracy of 99.53%.



Easy-to-use

Follow the standard qPCR procedure, get results within 90 minutes.



Super-ARMS® Technology

A new revolution on qPCR platform

Compared to ADx-ARMS®, Super-ARMS® technology, by optimizing the PCR reaction system, primer/probe design, product structure and results interpretation, achieves a sensitivity up to 0.2% while maintaining high specificity.

High analytical sensitivity

Sensitivity up to 0.2%.

High clinical sensitivity<sup>[1]</sup>

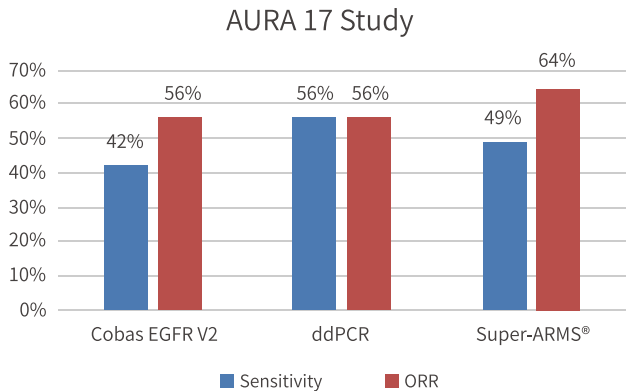
Super-ARMS® EGFR shows impressive sensitivity and specificity in clinical practice.

Comparison of EGFR mutation status in matched plasma and tissue samples (N = 109)

| EGFR Mutation<br>Super-ARMS EGFR |       | Tumor Tissue<br>AmoyDx EGFR 29 |    |       |
|----------------------------------|-------|--------------------------------|----|-------|
|                                  |       | +                              | -  | Total |
| Plasma                           | +     | 50                             | 0  | 50    |
|                                  | -     | 11                             | 48 | 59    |
|                                  | Total | 61                             | 48 | 109   |
| Sensitivity                      |       | 82.0%                          |    |       |
| Specificity                      |       | 100%                           |    |       |
| Overall agreement                |       | 89.9%                          |    |       |

High predictive value for drug response<sup>[2]</sup>

In AURA 17 study, patients with positive EGFR T790M mutation tested by Super-ARMS® EGFR achieved the highest objective response rate (ORR) during treatment with osimertinib.

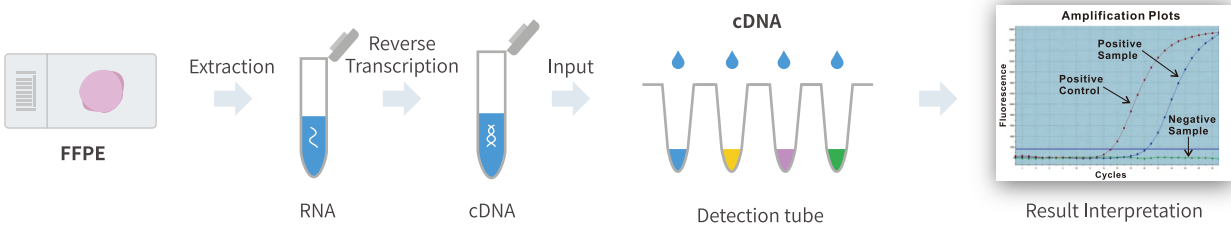


[1] Li Y, Xu H,Su S, Ye J, Chen J, Jin X, et al. PLoS ONE 12(8): e0183331.

[2] C Zhou, YL Wu, et al., EMSO 1331P.

Reverse Transcription PCR (RT-PCR) analyzes gene alterations based on tumor mRNA, which includes two processes: reverse transcription of target RNA to generate cDNA and PCR amplification of target cDNA to detect gene alterations with specific primers and fluorescent probes.

Work flow



Objective

Interpret results by Ct values.

High sensitivity

Limit of detection is 25 copies/ $\mu$ l.

Multi-sample choice

Work with RNA extracted from FFPE, FNA and cytology samples.

Global recognition<sup>[1]</sup>

Based on the biggest ROS1 clinical trial worldwide, AmoyDx ROS1 kit has been approved by MHLW\* in Japan and MFDS\*\* in South Korea as a companion diagnostic for crizotinib in Japan and Korea.

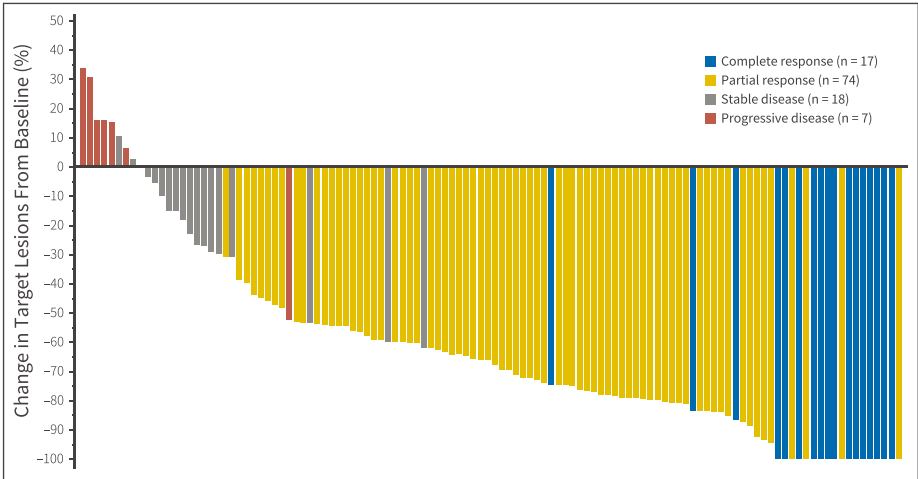
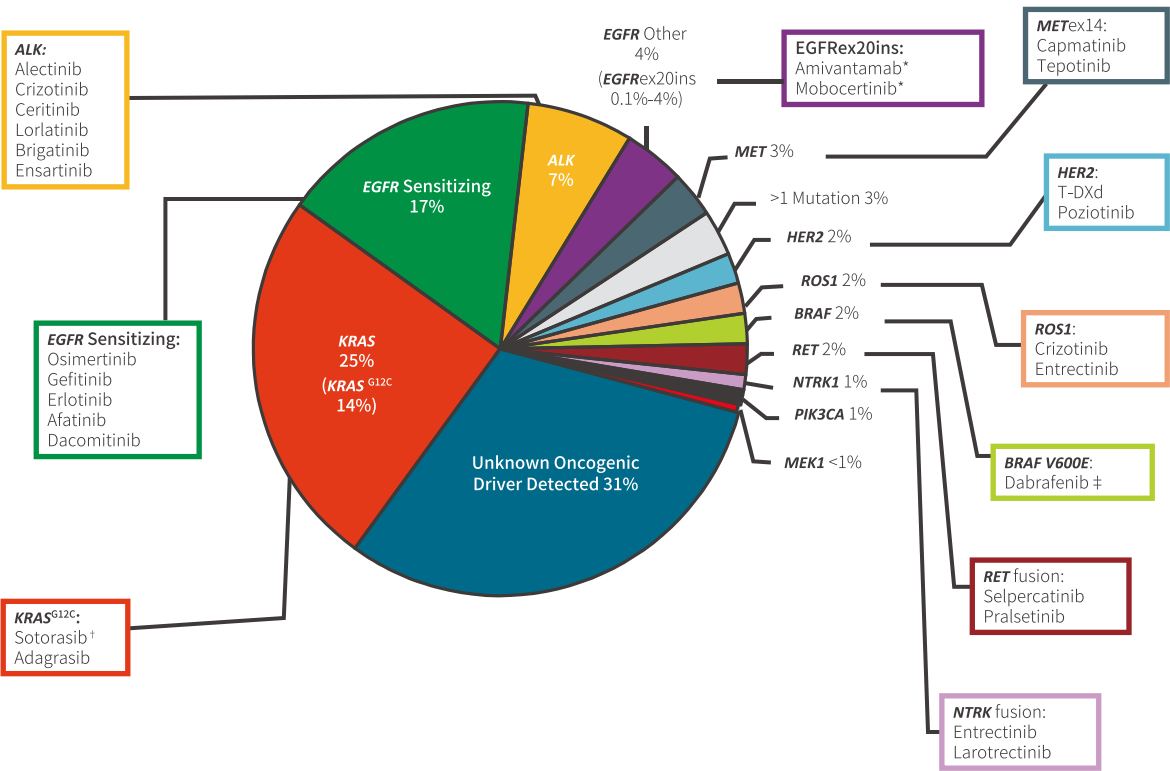


Fig. Best percent change in the target tumor burden from baseline as assessed by independent radiology review. Number of patients is based on the response evaluable population that excludes early death, indeterminate, and patients with nontarget lesions only.

[1] K. Goto, et al. 2016 ASCO Abstract 9022. \* Ministry of Health, Labour and Welfare \*\* The Ministry of Food and Drug Safety

Numerous oncogene alterations have been identified to be important for lung cancer pathogenesis and impact therapy selection, including EGFR, ALK, ROS1, BRAF, MET, HER2, RET, etc. Testing of non-small cell lung cancer (NSCLC) for multiple gene mutations is vital for identification of potentially efficacious targeted therapies.



Li. JCO. 2013;31:1039. Tsao. JTO. 2016;11:613. Burnett. PLoS One. 2021;16:e0247620. Nassar. NEJM. 2021;384:185. \*Approved after PD on platinum-based CT. †Approved after  $\geq 1$  prior systemic therapy. ‡Approved in combination with trametinib (MEK inhibitor) for BRAF V600E mutation.

| Kit                                        | Target Gene                                            | Alteration   | Certificate  | LoD                        |
|--------------------------------------------|--------------------------------------------------------|--------------|--------------|----------------------------|
| AmoyDx® Pan Lung Cancer PCR Panel          | EGFR/KRAS/BRAF/HER2/ALK/ROS1/RET/MET/NTRK2/NTRK1/NTRK3 | 167 Variants | CE-IVD, MHLW | RNA:150 cp/rxn<br>DNA:1~5% |
| AmoyDx® Multi-Gene Mutations Detection Kit | EGFR/KRAS/BRAF/NRAS/HER2/PIK3CA/ALK/ROS1/RET           | 118 Variants | CE-IVD, NMPA | RNA:450 cp/rxn<br>DNA:1%   |
| Super-ARMS® EGFR Mutation Detection Kit    | EGFR                                                   | 31 Mutations | CE-IVD, NMPA | 0.2~0.8%                   |

\*National Medical Products Administration (China)

Lung Cancer

| Kit                                                          | Target Gene         | Alteration                                             | Certificate             | LoD                     |
|--------------------------------------------------------------|---------------------|--------------------------------------------------------|-------------------------|-------------------------|
| AmoyDx® EGFR 29 Mutations Detection Kit                      | EGFR                | 29 Mutations                                           | CE-IVD, NMPA            | 1%                      |
| AmoyDx® EML4-ALK Fusion Gene Detection Kit                   | EML4-ALK            | 21 Fusions                                             | RUO, NMPA               | 125 cp/rxn              |
| AmoyDx® ROS1 Gene Fusions Detection Kit                      | ROS1                | 14 Fusions                                             | CE-IVD, NMPA MHLW, MFDS | 125 cp/rxn              |
| AmoyDx® ALK Gene Fusions and ROS1 Gene Fusions Detection Kit | ALK, ROS1           | 14 ALK Fusions, 14 ROS1 Fusions                        | CE-IVD, NMPA            | 125 cp/rxn              |
| AmoyDx® EGFR/ALK/ROS1 Mutations Detection Kit                | EGFR, ALK, ROS1     | 24 EGFR Mutations<br>21 ALK Fusions<br>13 ROS1 Fusions | RUO, NMPA               | DNA:1%<br>RNA:125cp/rxn |
| AmoyDx® MET Mutation Detection Kit                           | MET                 | Exon 14 skipping mutation                              | RUO                     | 125 cp/rxn              |
| AmoyDx® HER2 Mutation Detection Kit                          | HER2                | 13 Mutations                                           | RUO                     | 1%                      |
| AmoyDx® NTRK Gene Fusions Detection Kit                      | NTRK1, NTRK2, NTRK3 | 63 NTRK1 Fusions, 24 NTRK2 Fusions, 22 NTRK3 Fusions   | CE-IVD                  | 125~250 cp/rxn          |
| AmoyDx® BRAF V600 Mutations Detection Kit                    | BRAF                | 6 V600 Mutations                                       | CE-IVD                  | 1%                      |

Colorectal Cancer

Somatic mutations involve such genes as KRAS, NRAS, BRAF and PIK3CA have been known to be prognostic or predictive markers for specific therapies available in colorectal cancer. In total, somatic KRAS, NRAS and PIK3CA mutations occur in 20~50%, 1~6%, 10~30% of colorectal cancers respectively. And the most common BRAF mutations are V600 mutations in exon 15, which occur in 8~15% of colorectal cancers.

Patients without any known RAS mutations (exon 2, 3, 4) could benefit from Erbitux (cetuximab) or Vectibix (panitumumab). BRAF and PIK3CA mutations make response to cetuximab or panitumumab highly unlikely. Patients with metastatic colorectal cancer should have tumor tissue genotyped for RAS (KRAS and NRAS) and BRAF mutations.

| Kit                                            | Target Gene      | Alteration                                                | Certificate  | LoD  |
|------------------------------------------------|------------------|-----------------------------------------------------------|--------------|------|
| AmoyDx® KRAS Mutation Detection Kit            | KRAS             | 19 Mutations                                              | CE-IVD, NMPA | 1~5% |
| AmoyDx® NRAS Mutation Detection Kit            | NRAS             | 16 Mutations                                              | CE-IVD, NMPA | 1~5% |
| AmoyDx® KRAS/NRAS Mutations Detection Kit      | KRAS, NRAS       | 19 KRAS Mutations<br>13 NRAS Mutations                    | CE-IVD, NMPA | 1~5% |
| AmoyDx® KRAS/NRAS/BRAF Mutations Detection Kit | KRAS, NRAS, BRAF | 17 KRAS Mutations<br>13 NRAS Mutations<br>1 BRAF Mutation | CE-IVD, NMPA | 1~5% |
| AmoyDx® BRAF Mutation Detection Kit (V2)       | BRAF             | 7 V600 Mutations                                          | RUO          | 1%   |
| AmoyDx® PIK3CA Mutation Detection Kit          | PIK3CA           | 11 Mutations                                              | CE-IVD       | 1~2% |
| AmoyDx® PIK3CA Five Mutations Detection Kit    | PIK3CA           | 5 Mutations                                               | RUO, NMPA    | 1~2% |
| AmoyDx® BRAF V600 Mutations Detection Kit      | BRAF             | 6 V600 Mutations                                          | CE-IVD       | 1%   |

Cervical Cancer

Human papillomavirus (HPV) is a sexually transmitted DNA virus that establishes infection in squamous epithelial cells in the human body. There are more than 200 types of HPV, which can be classified into high or low-risk types depending upon their oncogenic potentials. High-risk HPVs are also called oncogenic HPVs, which have been confirmed to cause cancer. Low-risk HPVs can cause genital warts and low-grade changes in the cells, but rarely cause cancer.

Virtually all cervical cancers are caused by high-risk HPV infections. Approximately 99.7% of cervical cancers are caused by high-risk HPV infection. In particular, HPV16 and HPV18 are known to cause around 70% of cervical cancer cases.

|                                     |                                            |
|-------------------------------------|--------------------------------------------|
| The most common high-risk HPV types | Other high-risk HPV types                  |
| 16, 18                              | 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 68 |
| Probably high-risk HPV types        | The most common low-risk HPV types         |
| 26, 53, 66, 70, 73, 82              | 6, 11                                      |

AmoyDx® Human Papillomavirus(HPV) Genotyping Detection Kit

(Minimum Order Quantity required)

|                | Detecting Capability                                                                                                             | Kit Format                               | Limit of Detection |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|
| HPV Genotyping | 19 High-risk HPVs:<br>HPV16, 18, 26, 31, 33, 35, 39, 45, 51, 52, 53, 56, 58, 59, 66, 68, 70, 73, 82<br>2 Low-risk HPVs: HPV6, 11 | 8 reaction tubes, 3 fluorescents labeled | 100 cp/rxn         |

Leukemia

Leukemia is characterized by the abnormal proliferation of blood precursor cells of myeloid or lymphoid origin. There are four types of leukemia - acute lymphoblastic leukemia (ALL), acute myeloid leukemia (AML), chronic lymphocytic leukemia (CLL) and chronic myeloid leukemia (CML).

JAK2 mutation test is intended to aid to diagnose bone marrow disorders that lead to the production of too many blood cells. These disorders are known as myeloproliferative neoplasms (MPN).

AmoyDx® JAK2 Mutation Detection Kit

|             |      |                    |                |
|-------------|------|--------------------|----------------|
| Gene        | JAK2 | Alteration         | V617F Mutation |
| Certificate | RUO  | Limit of Detection | 1%             |

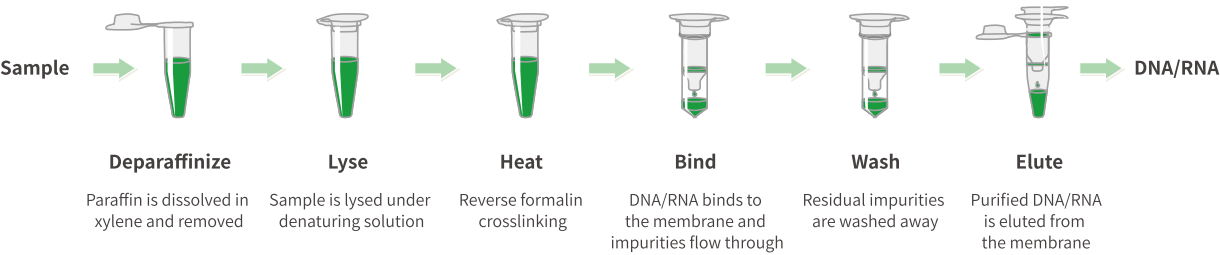
AmoyDx® DNA/RNA Extraction Kits

- Simple and quick
- High purity and high yield
- Simultaneous DNA & RNA
- Good and stable PCR results

Sample types

FFPE tissue, fresh and frozen tissue, pleural effusion, whold blood, serum, plasma, cytology sample.

Principle and Procedure



Performance \*

| Kit (FFPE RNA) | A260                | A260/A280           | RNA Conc. (ng/ul)        | Ct Value **            |
|----------------|---------------------|---------------------|--------------------------|------------------------|
| AmoyDx         | 2.72<br>(0.84~3.56) | 1.91<br>(1.89~1.93) | 106.24<br>(33.78~142.53) | 23.62<br>(21.70~25.55) |
| Competitor     | 1.62<br>(0.76~2.47) | 1.92<br>(1.88~1.96) | 64.74<br>(30.51~98.98)   | 24.05<br>(21.36~26.74) |

\* The data is from GC Lab in South Korea.  
\*\* The samples were extracted RNA using both AmoyDx and competitor's kit, and the Ct values were obtained in ROS1 gene fusion testing.

| Product Name                                                 | Certificate | Cat. No.  | Tests/kit | Type       | Shelf-life | Instrument                                                                                                                    |
|--------------------------------------------------------------|-------------|-----------|-----------|------------|------------|-------------------------------------------------------------------------------------------------------------------------------|
| AmoyDx® EGFR 29 Mutations Detection Kit                      | CE-IVDD     | 8.01.0004 | 10        | Pre-loaded | 12 months  | Stratagene Mx3000P™, ABI 7300, ABI 7500, ABI 7900HT                                                                           |
|                                                              |             | 8.01.0005 | 10        | Pre-loaded | 12 months  | LightCycler480 II, Bio-Rad CFX96, cobas® z480                                                                                 |
|                                                              |             | 8.01.0006 | 10        | Pre-loaded | 12 months  | SLAN-96S                                                                                                                      |
|                                                              |             | 8.01.0134 | 24        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI 7300, ABI 7500, ABI 7900HT, ABI StepOnePlus, LightCycler480 II, cobas® z480, Bio-Rad CFX96, SLAN-96S |
|                                                              | RUO         | 8.01.0049 | 10        | Pre-loaded | 12 months  | Stratagene Mx3000P™, ABI 7300, ABI 7500, ABI 7900HT                                                                           |
|                                                              |             | 8.01.0050 | 10        | Pre-loaded | 12 months  | LightCycler480 II, Bio-Rad CFX96, cobas® z480                                                                                 |
|                                                              |             | 8.01.0051 | 10        | Pre-loaded | 12 months  | SLAN-96S                                                                                                                      |
|                                                              |             | 8.01.0052 | 24        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI 7300, ABI 7500, ABI 7900HT, ABI StepOnePlus, LightCycler480 II, cobas® z480, Bio-Rad CFX96, SLAN-96S |
|                                                              |             | 8.01.0053 | 24        | Bulk       | 12 months  | Rotor-Gene Q/6000 (72 wells)                                                                                                  |
| Super-ARMS® EGFR Mutation Detection Kit                      | CE-IVDD     | 8.01.0148 | 12        | Bulk       | 8 months   | Stratagene Mx3000P™, ABI 7500, LightCycler480 II, cobas® z480, SLAN-96S                                                       |
|                                                              | RUO         | 8.01.0056 | 12        | Bulk       | 8 months   | Stratagene Mx3000P™, ABI 7500, LightCycler480 II, cobas® z480, SLAN-96S                                                       |
|                                                              |             | 8.01.0107 | 12        | Bulk       | 8 months   | Rotor-Gene Q (36 wells)                                                                                                       |
| AmoyDx® ROS1 Gene Fusions Detection Kit                      | CE-IVDD     | 8.01.0165 | 12        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI 7500, LightCycler480 II, SLAN-96S                                                                    |
|                                                              | RUO         | 8.01.0062 | 12        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI 7500, LightCycler480 II, SLAN-96S                                                                    |
| AmoyDx® ALK Gene Fusions and ROS1 Gene Fusions Detection Kit | CE-IVDD     | 8.01.0024 | 8         | Pre-loaded | 12 months  | Stratagene Mx3000P™, ABI 7500                                                                                                 |
|                                                              |             | 8.01.0026 | 8         | Pre-loaded | 12 months  | SLAN-96S                                                                                                                      |
|                                                              | RUO         | 8.01.0064 | 8         | Pre-loaded | 12 months  | Stratagene Mx3000P™, ABI 7500                                                                                                 |
|                                                              |             | 8.01.0066 | 8         | Pre-loaded | 12 months  | SLAN-96S                                                                                                                      |
| AmoyDx® Pan Lung Cancer PCR Panel                            | CE-IVDD     | 8.01.0246 | 8         | Pre-loaded | 12 months  | QuantStudio 5                                                                                                                 |
|                                                              |             | 8.01.0247 | 8         | Pre-loaded | 12 months  | LightCycler480 II, cobas® z480                                                                                                |
|                                                              | RUO         | 8.01.0211 | 8         | Pre-loaded | 12 months  | QuantStudio 5                                                                                                                 |
|                                                              |             | 8.01.0234 | 8         | Pre-loaded | 12 months  | LightCycler480 II, cobas® z480                                                                                                |
|                                                              |             | 8.01.0279 | 8         | Pre-loaded | 12 months  | SLAN-96S                                                                                                                      |
| AmoyDx® KRAS Mutation Detection Kit                          | CE-IVDD     | 8.01.0001 | 6         | Pre-loaded | 10 months  | Stratagene Mx3000P™, ABI 7500                                                                                                 |
|                                                              |             | 8.01.0002 | 6         | Pre-loaded | 10 months  | LightCycler480 II, cobas® z480                                                                                                |
|                                                              |             | 8.01.0128 | 24        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI 7500, LightCycler480 II, Bio-Rad CFX96, SLAN-96S                                                     |
|                                                              | RUO         | 8.01.0045 | 6         | Pre-loaded | 10 months  | Stratagene Mx3000P™, ABI 7500                                                                                                 |
|                                                              |             | 8.01.0046 | 6         | Pre-loaded | 10 months  | LightCycler480 II, cobas® z480                                                                                                |
|                                                              |             | 8.01.0048 | 24        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI 7500, LightCycler480 II, Bio-Rad CFX96, SLAN-96S                                                     |

Order Information

| Product Name                                          | Certificate | Cat. No.         | Tests/kit | Type       | Shelf-life | Instrument                                                                                              |
|-------------------------------------------------------|-------------|------------------|-----------|------------|------------|---------------------------------------------------------------------------------------------------------|
| AmoyDx® <i>NRAS</i> Mutation Detection Kit            | CE-IVDD     | 8.01.0172        | 24        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI 7500, LightCycler480 II, Bio-Rad CFX96, SLAN-96S                               |
|                                                       |             | 8.01.0027        | 8         | Pre-loaded | 8 months   | Stratagene Mx3000P™, ABI 7500                                                                           |
|                                                       | RUO         | 8.01.0070        | 24        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI 7500, LightCycler480 II, Bio-Rad CFX96, SLAN-96S                               |
|                                                       |             | 8.01.0067        | 8         | Pre-loaded | 8 months   | Stratagene Mx3000P™, ABI 7500                                                                           |
| AmoyDx® <i>BRAF</i> V600 Mutations Detection Kit      | CE-IVDD     | 8.01.0153        | 24        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI 7500, ABI 7900HT, ABI StepOnePlus, LightCycler480 II, Bio-Rad CFX96, SLAN-96S  |
|                                                       | RUO         | 8.01.0054        | 24        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI 7500, ABI 7900HT, ABI StepOnePlus, LightCycler480 II, Bio-Rad CFX96, SLAN-96S  |
| AmoyDx® <i>KRAS/NRAS</i> Mutations Detection Kit      | CE-IVDD     | 8.01.0030        | 6         | Pre-loaded | 8 months   | Stratagene Mx3000P™, ABI 7500                                                                           |
|                                                       |             | 8.01.0032        | 6         | Pre-loaded | 8 months   | SLAN-96S                                                                                                |
|                                                       |             | 8.01.0179        | 24        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI 7500, LightCycler480 II, Bio-Rad CFX96, SLAN-96S                               |
|                                                       | RUO         | 8.01.0071        | 6         | Pre-loaded | 8 months   | Stratagene Mx3000P™, ABI 7500                                                                           |
|                                                       |             | 8.01.0073        | 6         | Pre-loaded | 8 months   | SLAN-96S                                                                                                |
|                                                       |             | 8.01.0074        | 24        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI 7500, LightCycler480 II, Bio-Rad CFX96, SLAN-96S                               |
| AmoyDx® <i>KRAS/NRAS/BRAF</i> Mutations Detection Kit | CE-IVDD     | 8.01.0033        | 6         | Pre-loaded | 8 months   | Stratagene Mx3000P™, ABI 7500                                                                           |
|                                                       |             | 8.01.0034        | 6         | Pre-loaded | 8 months   | LightCycler480 II                                                                                       |
|                                                       |             | 8.01.0035        | 6         | Pre-loaded | 8 months   | SLAN-96S                                                                                                |
|                                                       | RUO         | 8.01.0075        | 6         | Pre-loaded | 8 months   | Stratagene Mx3000P™, ABI 7500                                                                           |
|                                                       |             | 8.01.0076        | 6         | Pre-loaded | 8 months   | LightCycler480 II                                                                                       |
|                                                       |             | 8.01.0077        | 6         | Pre-loaded | 8 months   | SLAN-96S                                                                                                |
| AmoyDx® <i>EML4-ALK</i> Fusion Gene Detection Kit     | CE-IVDD     | 8.01.2200 1X024H | 24        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI 7500, LightCycler480 II, Bio-Rad CFX96, Rotor-Gene Q/6000 (72 wells), SLAN-96S |
|                                                       | RUO         | 8.01.0090        | 24        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI 7500, LightCycler480 II, Bio-Rad CFX96, Rotor-Gene Q/6000 (72 wells), SLAN-96S |
| AmoyDx® <i>EGFR/ALK/ROS1</i> Mutations Detection Kit  | RUO         | 8.01.0079        | 8         | Pre-loaded | 8 months   | Stratagene Mx3000P™                                                                                     |
|                                                       |             | 8.01.0081        | 8         | Pre-loaded | 8 months   | SLAN-96S                                                                                                |
|                                                       |             | 8.01.0082        | 8         | Pre-loaded | 8 months   | ABI 7500                                                                                                |
| AmoyDx® Multi-Gene Mutations Detection Kit            | CE-IVDD     | 8.01.2630 1W006A | 6         | Pre-loaded | 8 months   | Stratagene Mx3000P™                                                                                     |
|                                                       |             | 8.01.2630 1W006B | 6         | Pre-loaded | 8 months   | LightCycler480 II, cobas® z480                                                                          |
|                                                       |             | 8.01.2630 1W006D | 6         | Pre-loaded | 8 months   | SLAN-96S                                                                                                |
|                                                       |             | 8.01.2630 1W006J | 6         | Pre-loaded | 8 months   | ABI 7500                                                                                                |
|                                                       | RUO         | 8.01.0083        | 6         | Pre-loaded | 8 months   | Stratagene Mx3000P™                                                                                     |
|                                                       |             |                  |           |            |            |                                                                                                         |

Order Information

| Product Name                                                              | Certificate | Cat. No.         | Tests/kit | Type       | Shelf-life | Instrument                                                                                                                           |
|---------------------------------------------------------------------------|-------------|------------------|-----------|------------|------------|--------------------------------------------------------------------------------------------------------------------------------------|
| AmoyDx® Multi-Gene Mutations Detection Kit                                | RUO         | 8.01.0084        | 6         | Pre-loaded | 8 months   | LightCycler480 II, cobas® z480                                                                                                       |
|                                                                           |             | 8.01.0085        | 6         | Pre-loaded | 8 months   | SLAN-96S                                                                                                                             |
|                                                                           |             | 8.01.0086        | 6         | Pre-loaded | 8 months   | ABI 7500                                                                                                                             |
| AmoyDx® <i>MET</i> Mutation Detection Kit                                 | RUO         | 8.01.0123        | 24        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI7500, LightCycler480 II, SLAN-96S, Rotor-Gene Q (72 wells)                                                   |
| AmoyDx® <i>HER2</i> Mutation Detection Kit                                | RUO         | 8.01.0232        | 24        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI 7500, ABI 7900HT, ABI StepOnePlus, LightCycler480 II, Bio-Rad CFX96, SLAN-96S, Rotor-Gene Q/6000 (72 wells) |
| AmoyDx® <i>NTRK</i> Gene Fusions Detection Kit                            | CE-IVDD     | 8.0126001 X024E  | 24        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI7500, QuantStudio 5, LightCycler480 II, SLAN-96S                                                             |
|                                                                           | RUO         | 8.01.0212        | 24        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI7500, QuantStudio 5, LightCycler480 II, SLAN-96S                                                             |
| AmoyDx® <i>BRAF</i> Mutation Detection Kit (V2)                           | RUO         | 8.01.0155        | 24        | Bulk       | 8 months   | Stratagene Mx3000P™, SLAN-96S, Rotor-Gene Q (72 wells)                                                                               |
|                                                                           |             | 8.01.0105        | 24        | Bulk       | 8 months   | Bio-Rad CFX96                                                                                                                        |
| AmoyDx® <i>PIK3CA</i> Five Mutations Detection Kit                        | RUO         | 8.01.0057        | 24        | Bulk       | 8 months   | Stratagene Mx3000P™, ABI7500, LightCycler480 II, Bio-Rad CFX96, SLAN-96S                                                             |
|                                                                           |             | 8.01.0058        | 12        | Bulk       | 8 months   | Rotor-Gene Q/6000 (72 wells)                                                                                                         |
| AmoyDx® <i>PIK3CA</i> Mutation Detection Kit                              | CE-IVDD     | 8.012160 2X024E  | 24        | Bulk       | 8 months   | Stratagene Mx3000P™, ABI7500, LightCycler480, Bio-Rad CFX96, SLAN-96S                                                                |
|                                                                           | RUO         | 8.01.0227        | 24        | Bulk       | 8 months   | Stratagene Mx3000P™, ABI7500, LightCycler480 II, Bio-Rad CFX96, SLAN-96S                                                             |
| AmoyDx® <i>RET</i> Gene Fusions Detection Kit                             | RUO         | 8.01.0063        | 12        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI7500, LightCycler480 II, Bio-Rad CFX96, SLAN-96S, Rotor-Gene Q (72 wells)                                    |
| AmoyDx® <i>JAK2</i> Mutation Detection Kit                                | RUO         | 8.01.0089        | 24        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI 7500, ABI 7900HT, ABI StepOnePlus, LightCycler480 II, Bio-Rad CFX96                                         |
|                                                                           |             | 8.01.0267        | 24        | Bulk       | 12 months  | Rotor-Gene Q/6000 (72 wells)                                                                                                         |
| AmoyDx® <i>TERT/HRAS</i> Mutations Detection Kit                          | RUO         | 8.01.0087        | 24        | Bulk       | 12 months  | ABI7500, LightCycler480 II                                                                                                           |
|                                                                           |             | 8.01.0088        | 24        | Bulk       | 12 months  | Stratagene Mx3000P™, SLAN-96S                                                                                                        |
| AmoyDx® Human Papillomavirus (HPV) Genotyping Detection Kit               | CE-IVDD     | 8.01.2580 3X048E | 48        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI 7500, LightCycler480, SLAN-96S, Rotor-Gene Q (72 wells)                                                     |
|                                                                           | RUO         | 8.01.0093        | 48        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI 7500, LightCycler480, SLAN-96S, Rotor-Gene Q (72 wells)                                                     |
| Super-ARMS® EGFR Mutation Detection Reagent (V2) (for color compensation) | RUO         | 8.01.0249        | 12        | Bulk       | 8 months   | LightCycler480 II, cobas® z480                                                                                                       |
| AmoyDx® Pan Lung Cancer Detection Reagent (V2) (for color compensation)   | RUO         | 8.01.0250        | 12        | Bulk       | 12 months  | LightCycler480 II, cobas® z480                                                                                                       |
| AmoyDx® FFPE DNA Kit                                                      | CE-IVDR     | 8.02.0001        | 36        | Bulk       | 12 months  | N/A                                                                                                                                  |
|                                                                           | RUO         | 8.02.0005        | 36        | Bulk       | 12 months  | N/A                                                                                                                                  |

## Order Information

| Product Name                                           | Certificate | Cat. No.  | Tests/kit | Type       | Shelf-life | Instrument                                                                    |
|--------------------------------------------------------|-------------|-----------|-----------|------------|------------|-------------------------------------------------------------------------------|
| AmoyDx® FFPE RNA Kit                                   | CE-IVDR     | 8.02.0003 | 36        | Bulk       | 12 months  | N/A                                                                           |
|                                                        | RUO         | 8.02.0007 | 36        | Bulk       | 12 months  | N/A                                                                           |
| AmoyDx® FFPE DNA/RNA Kit                               | CE-IVDR     | 8.02.0002 | 36        | Bulk       | 12 months  | N/A                                                                           |
|                                                        | RUO         | 8.02.0006 | 36        | Bulk       | 12 months  | N/A                                                                           |
| AmoyDx® Magnetic FFPE DNA Extraction Kit               | CE-IVDR     | 8.02.0098 | 36        | Bulk       | 12 months  | N/A                                                                           |
|                                                        | RUO         | 8.02.0097 | 36        | Bulk       | 12 months  | N/A                                                                           |
| AmoyDx® Blood/Bone Marrow DNA Kit                      | CE-IVDR     | 8.02.0077 | 36        | Bulk       | 12 months  | N/A                                                                           |
|                                                        | RUO         | 8.02.0008 | 36        | Bulk       | 12 months  | N/A                                                                           |
| AmoyDx® Circulating DNA Kit                            | CE-IVDR     | 8.02.0004 | 24        | Bulk       | 12 months  | N/A                                                                           |
|                                                        | RUO         | 8.02.0012 | 24        | Bulk       | 12 months  | N/A                                                                           |
| AmoyDx® Tissue DNA Kit                                 | CE-IVDR     | 8.02.0078 | 36        | Bulk       | 12 months  | N/A                                                                           |
|                                                        | RUO         | 8.02.0009 | 36        | Bulk       | 12 months  | N/A                                                                           |
| AmoyDx® Tissue RNA Kit                                 | CE-IVDR     | 8.02.0079 | 36        | Bulk       | 12 months  | N/A                                                                           |
|                                                        | RUO         | 8.02.0010 | 36        | Bulk       | 12 months  | N/A                                                                           |
| AmoyDx® Cell-free DNA Protection Vacuum Tube           | RUO         | 8.02.0033 | 10        | Bulk       | 12 months  | N/A                                                                           |
| SLAN-96S Real-time PCR instrument                      | CE-IVDR     | 8.18.0006 | N/A       | N/A        | N/A        | N/A                                                                           |
| AmoyDx® BCR-ABL Mutation Detection Kit                 | RUO         | 8.01.0158 | 24        | Bulk       | 12 months  | Stratagene Mx3000P™, ABI 7500, ABI StepOnePlus, LightCycler480, Bio-Rad CFX96 |
|                                                        |             | 8.01.0124 | 24        | Bulk       | 12 months  | Rotor-Gene Q/6000 (72 wells), Rotor-Gene Q (72 wells)                         |
| AmoyDx® Automated Result Analysis System               | RUO         | 8.18.0008 | N/A       | N/A        | N/A        | N/A                                                                           |
| AmoyDx® Microsatellite Instability (MSI) Detection Kit | RUO         | 8.01.0263 | 24        | Pre-loaded | 12 months  | LightCycler 480 II, cobas® z480                                               |
|                                                        |             | 8.01.0255 | 24        | Pre-loaded | 12 months  | SLAN-96S                                                                      |

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