

## SuperSENSITIVITY Test for Liquid Biopsy

**SuperARMS® kits are highly sensitive real-time PCR-based tests** designed to identify ctDNA mutations in plasma samples of patients with advanced NSCLC or colorectal cancer. The kits adopt the innovative ADx-SuperARMS technology which was upgraded from ADx-ARMS technology. Its optimized reaction system can rapidly and accurately detects a low percentage of mutant ctDNA in a background of wild-type DNA.

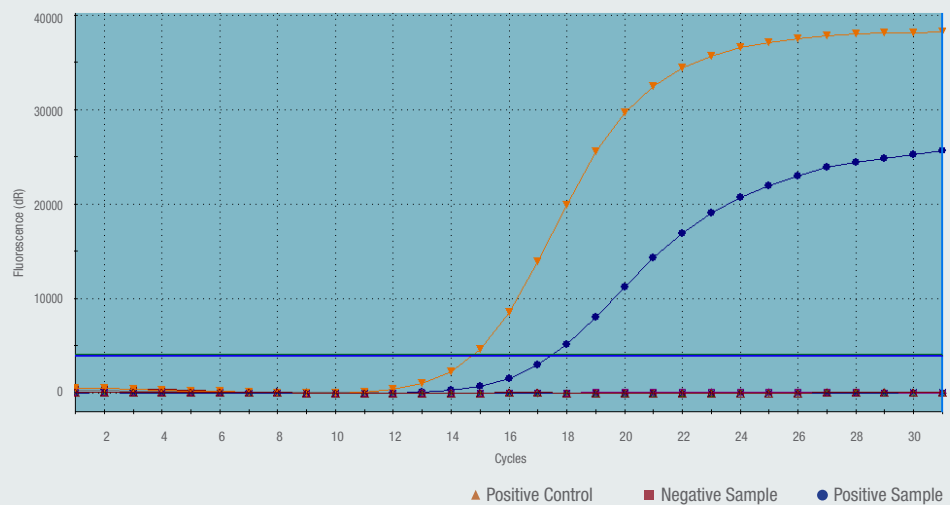
**SuperARMS  
EGFR  
Mutation Detection Kit**  
(Cat.No. LCMEG20)

- **42 EGFR mutations**
- **Sensitivity 0,2-0,8% mutant allele**
- **Samples: plasma and FFPE tissues**
- 4 fluorescent channels: FAM, HEX/VIC, ROX, Cy5
- Mutations detected: exon18 (G719C, G719A), exon 19 (29 deletions), exon 20 (T790M, S768I, 6 insertions), exon 21 (L858R, L861Q)
- **CE-IVD**

**SuperARMS  
EGFR T790M  
Mutation Detection Kit**  
(Cat.No. LCMEG12)

- **Sensitivity 0,2% mutant allele**
- **Samples: plasma and FFPE tissues**
- 2 fluorescent channels: FAM, HEX/VIC
- Mutations detected: exon 20 T790M
- **CE-IVD**

**Amplification Plots**



**SuperARMS  
KRAS/NRAS/BRAF  
Mutations Detection Kit**  
(Cat.No. LCMKN06)

- 18 KRAS, 15 NRAS, 1 BRAF mutations
- **Sensitivity 0,2-1% mutant allele**
- **Samples: plasma**
- 2 fluorescent channels: FAM, HEX/VIC
- Mutations detected: exon 2,3,4 for KRAS and NRAS; exon 15 for BRAF
- **CE-IVD**

Product Name	Format	Size (test/kit)	Cat.No.
SuperARMS EGFR Mutation Detection Kit	BOX	12	LCMEG20
SuperARMS EGFR T790M Mutation Detection Kit	BOX	24	LCMEG12
SuperARMS KRAS/NRAS/BRAF Mutations Detection Kit	BOX	24	LCMKN06

### Cell-Free Protection Vacuum Tube

- 10 ml blood collection tube for stabilization of cell-free plasma DNA
- Contains cell-free DNA protection reagent
- Whole blood collected is stable for 7 days at 4-25°C

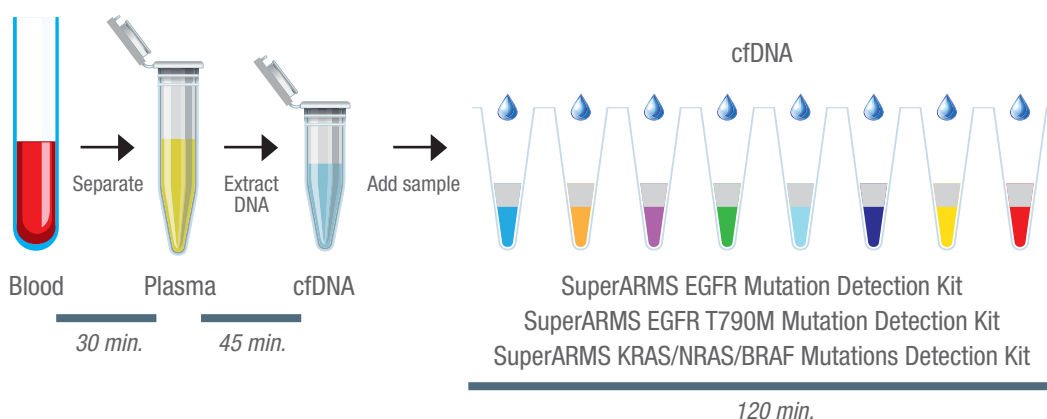
### Circulating DNA Kit

This kit allows the extraction of cell-free DNA from serum, plasma and pleural effusions. The Circulating DNA Kit adopts an innovative silica-based spin column and a special lysis buffer system for effective binding and extraction of cell-free DNA.

- Simple and quick (<90 min)
- **4ml starting sample**
- High purity and high yield
- Good and stable PCR results
- GMP-compliant manufacturing
- ISO13485-certified laboratory
- **CE-IVD**

Product Name	Format	Size (test/kit)	Cat.No.
Cell-free Protection Vacuum Tube	BOX	10	LCMVT01
Circulating DNA kit	BOX	24	LCMBL03

### LCM Genect's Full Solution for High Sensitivity Test for Oncology Liquid Biopsy



For further information please contact [info@lcm-genect.com](mailto:info@lcm-genect.com)

**AmoyDx**

**LCM GENECT**  
ENABLING PRECISION MEDICINE

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