Fast, high-quality FISH.
Integrated into your IHC workflow.
Breast carcinoma stained with HER2 IQFISH pharmDx™ (Dako Omnis) with double (Red/Green) and triple (Red/Green/DAPI) filter. Tumor cells show HER2 gene amplification.

The first of a menu of probes is now available for Dako Omnis

IQFISH Instant Quality sets new standards in anatomic pathology

IQFISH fast hybridization buffer enables processing FISH in less than four hours with remarkable quality (1)

Complete patient cases same day.
Get brighter signals than with traditional FISH, with just one hour of hybridization using IQFISH fast hybridization buffer

- Less repeat testing than with traditional probes saves time and reduces cost (1)
- Dramatically reduces diagnostic turnaround time from 18 hours to less than four hours
- IQFISH fast hybridization buffer is non-toxic, which frees you from the concerns of using toxic formamide

Produces brighter signals and improves signal to background ratio (2)

Time-chase comparison of HER2 DNA FISH signal intensities using IQFISH hybridization buffer and formamide buffer on FFPE breast carcinoma tissue sections. Identical probe concentration was used in the two buffers. The black bars represent the 95% confidence interval (n = 45 signals).
Automate FISH on Dako Omnis

Dako Omnis provides you with unparalleled capacity. Unique capabilities such as simultaneous processing of IHC and ISH. Manage increasing IHC and ISH slide volumes and deliver same day patient case reporting.

Programming

Intuitive ISH programming makes preparing your staining fast and easy. Load slides and reagents when it suits you.

Loading and processing

Innovative ISH Lids stabilize temperature and humidity to create protected reaction chambers for denaturation and hybridization.

Unloading

Dedicated ISH unloading chambers protect stained slides from light, until you are ready to mount them.

Run high-quality ISH slides whenever you need to – fast.
Concordance data and signal intensity comparisons (4) for HER2 IQFISH pharmDx™ (Dako Omnis) provide evidence for performance and high quality equal to manual HER2 IQFISH pharmDx™ (Red/Green filter, no DAPI filter).

Outstanding performance

- 100% concordance for HER2 status in breast cancer compared with PathVysion (3)
- 100% concordance for HER2 status in breast cancer compared with HER2 IQFISH pharmDx™ (3)
- 99.3% concordance for HER2 status in gastric cancer compared with HER2 IQFISH pharmDx™ (3)

HER2 IQFISH pharmDx™ (Dako Omnis) means:

**Better Quality**
- Demonstrates brighter signals
- Improves signal/background ratio
- Facilitates more accurate analysis

**Full Automation**
- Run IHC and ISH in parallel
- Saves hands-on time
- Reduces risk of human error

**Time Saving**
- Same day results
- Reduces scoring time
- Saves lab technician time

**Cost Saving**
- Leads to less repeat testing
- Requires much shorter interpretation time
- Reduces labor cost
The demand for faster turnaround time to reduce time to patient diagnosis is growing. Dako Omnis was developed to address this challenge: You can stain entire patient cases at the same time now.

Automated slide throughput depends on length of protocol, slide capacity and reagent positions. With the shortest FISH protocol in the market, unmatched slide and reagent capacity, Dako Omnis processes ISH slides in IHC-like turnaround time – fast and with superior quality:

Selection of Dako Omnis slide throughput scenarios (8 hour work day – one instrument)

Only HER2 IQFISH pharmDx™ and Dako Omnis make same day patient cases a reality

Optimize your workflow with Dako Omnis. Run up to:

- 105 IHC slides (165 IHC with overnight run)
- 15 FISH slides (30 ISH with overnight run)
- 95 IHC and 5 FISH slides (155 IHC + 5 ISH or 140 IHC + 20 ISH with overnight run)

Don’t wait until tomorrow.
Maximize your connectivity

With Dako Omnis and Dako Lab Control

The Dako Lab Control solutions consist of DakoLink™, True Positive ID (TPID) and Laboratory Information System (LIS) connectivity. They are scalable to meet the needs of each individual lab.

- Minimize human errors e.g. transcription errors through electronic test requests and save hands-on time on programming instruments
- Maximize your flexibility through user interoperability
- Receive a full electronic slide audit trail to support quality and regulatory needs

DakoLink™
Connects DakoLink™ instruments and enables management of instruments, slides, reagents and protocols from a single workstation with a unique database.

LIS Connectivity
LIS barcodes can be printed and read by all Dako Lab Control solutions. Pathologists can order case tests from any LIS interface; instruments notify LIS when the tests are completed.

True Positive ID (TPID)
TPID is a track & trace solution that allows for digital test requests, electronic recording of sample from accessioning to archiving and electronic report creation.

Dako Lab Control Solution minimizes risk of human errors, speeds up slide processing and maximizes your workflow flexibility.
Product overview

<table>
<thead>
<tr>
<th>Description</th>
<th>Vial type</th>
<th>Volume</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HER2 IQFISH pharmDx™</strong> (Dako Omnis)</td>
<td>Dako Omnis vial</td>
<td>1.6 mL, 20 tests, RTU</td>
<td>GM333</td>
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<tr>
<td>ISH Pepsin (Dako Omnis)</td>
<td>Dako Omnis vial</td>
<td>7 mL, RTU</td>
<td>GM302*</td>
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<td>ISH Pre-Treatment Solution (20x) (Dako Omnis)</td>
<td>Concentrate bottle</td>
<td>175 mL</td>
<td>GM301*</td>
</tr>
<tr>
<td>ISH Stringent Wash Buffer (20x) (Dako Omnis)</td>
<td>Concentrate bottle</td>
<td>175 mL</td>
<td>GM303*</td>
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<tr>
<td>ISH Ethanol Solution, 96% (Dako Omnis)</td>
<td>Dako Omnis vial</td>
<td>14 mL, RTU</td>
<td>GM300*</td>
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<tr>
<td>Fluorescence Mounting Medium (Dako Omnis)</td>
<td>Standard vial</td>
<td>0.8 mL, RTU</td>
<td>GM304*</td>
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<tr>
<td>Dako Omnis ISH Lid</td>
<td>-</td>
<td>5 lids, 25 slides</td>
<td>GC102*</td>
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<tr>
<td>Dako Omnis Mixing Device</td>
<td>-</td>
<td>1 unit</td>
<td>GC116</td>
</tr>
<tr>
<td>ISH Starter Pack (Dako Omnis)</td>
<td>-</td>
<td>1 unit</td>
<td>GM500</td>
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</tbody>
</table>

(Includes products marked with *)

Companion devices

- Dako Omnis Mixing Device for thawing and mixing
- Dako Omnis ISH Lid
- Texas Red/FTIC double filter (not sold by Dako)

References

3. **HER2 IQFISH pharmDx™** (Dako Omnis) – Package Insert
4. Dako Internal study data

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