



# JBL PROAQUATEST COMBISET Plus Fe

Test case with most important water tests + iron test

Suitable for:



- Monitors the water values in aquariums simply and reliably. Determines: pH value, carbonate hardness, iron, nitrite, nitrate, CO<sub>2</sub> (calculation via table)
- Easy to use: add aquarium water to cuvette with syringe, add indicator and compare colour on colour scale, or count drops until colour changes in KH test
- Comparator system takes the inherent water colouring into account. CO<sub>2</sub>-content is determined by pH value and KH value using the table
- Childproof reagent bottles, waterproof plastic case, refill reagents separately available
- Package contents: 1 test case for aquariums. 7 reagents, 3 glass vials, syringe, measuring spoon, comparator block, plastic cuvette, colour charts, report sheets, operating instructions

You may also be interested in

You can find a complete overview here: <https://www.jbl.de/qr/24092>



**JBL PROSCAN**  
Water test with analysis via  
smartphone



**JBL PROAQUATEST  
EASY 7in1**  
Test strips for quick aquarium  
water testing





# JBL PROAQUATEST COMBISET Plus Fe

 Spare parts



JBL component set for water tests



JBL PROAQUATEST range colour charts





# JBL PROAQUATEST COMBISET Plus Fe



## Product information

Healthy aquariums with conditions close to nature

The right water values are dependent on the fish stock and the plants in the aquarium. Even if the water looks clear it can be contaminated. Bad values can cause diseases or algae in the aquarium. To maintain a healthy aquarium with conditions close to nature it is important to check and adapt the water values regularly. With JBL water tests you can determine all relevant water values quickly, easily and very precisely.

following tests are included in the set:

pH test: acidity of the water from 3.0 to 10

To determine the CO<sub>2</sub> content, it is sufficient to measure the pH and KH. These two values determine the CO<sub>2</sub> content of the water, which can then be found in the enclosed table.

KH test: pH stability of the water (carbonate hardness)

NO<sub>2</sub> test: determination of nitrogen compound nitrite, which is toxic for the fish

NO<sub>3</sub>-Test: determination of the nitrate content (reason for algae growth and plant nutrient)

Fe test: determination of the iron content to monitor the fertilisation

The following tests are available as supplements:

pH test: acidity of the water from 6.0 to 7.6

pH test: acidity of the water from 7.4 to 9.0

O<sub>2</sub> test: determination of the oxygen content

CO<sub>2</sub> Direct test: determination of the current carbon dioxide content for thriving plant growth

GH test: determination of general hardness

PO<sub>4</sub> test: determination of the phosphate content (reason for algae growth and plant nutrient)

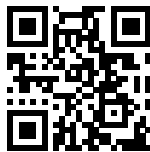
Test NH<sub>4</sub> / NH<sub>3</sub>: indication of non-toxic ammonium, determination of the toxic ammonia using table

Cu Test: heavy metal deadly for invertebrates. Also important for adjusting the therapeutic dose of medications

SiO<sub>2</sub> test: determination of the silicates (silicic acid) as cause for diatoms

Almost all test reagents are available as environmentally friendly refill packs!

You can analyse the water values you have measured in the JBL Online Laboratory free of charge and receive recommendations.

| Further information   |   |
|-----------------------|---|
| FAQ                   | ✓   |
| Blog                  | ✓   |
| Press                 | ✓   |
| Laboratory/calculator | ✗   |
| Worth reading         | ✓   |
| Spare parts           | ✓   |
| Video                 | ✓   |
| GarantiePlus          | ✗   |
| Instructions          | ✓   |
| QR code               |  |





# JBL PROAQUATEST COMBISET Plus Fe



## Product details

| Article data             |   |
|--------------------------|---|
| Product name             | JBL PROAQUATEST COMBISET Plus Fe  |
| Art. No.                 | 2409200   |
| EAN number               | 4014162240927   |
| EAN as barcode           |  |
| Content                  | 6 tests   |
| -                        | -   |
| Expiry months            | 24  |
| RRP incl. VAT            | 63,07 €   |
| Base price               | -   |
| Nominal filling quantity | -   |
| Base quantity            | 1   |
| Gross weight             | 598 g   |
| Net weight               | 524 g   |
| Weight change            | -   |

| Disposal                |                                  |
|-------------------------|----------------------------------|
| Product name            | JBL PROAQUATEST COMBISET Plus Fe |
| Art. No.                | 2409200                          |
| Green dot               | ✓                                |
| Group electronic waste  | -                                |
| Disposal weight         | -                                |
| Battery type            | -                                |
| Battery return          | -                                |
| Battery rechargeable    | -                                |
| Disposal weight battery | -                                |
| Non-returnable glass    | 14 g                             |
| PPK                     | -                                |
| Plastic small           | 60 g                             |
| Plastic large           | -                                |
| Disposal weight metal   | 0 g                              |

| Features     |                                  |
|--------------|----------------------------------|
| Product name | JBL PROAQUATEST COMBISET Plus Fe |
| Art. No.     | 2409200                          |





| Features             |  |
|----------------------|--|
| Animal species       | Armored catfish, Arowana, Axolotl, Barbels, Bettas, Bichirs/ reedfish, Blowfish, Catfish, Cichlids (South America), Clawed frogs, Clawed shrimps, Crayfish, Crustaceans, Danions, Discus, Dwarf crayfish, Dwarf shrimps, Flowerhorn, Gill maggots, Goldfish, Gouramis, Guppy, Juvenile fish, Killifish, Livebearers, Loaches, Mussels, Newts, Panchaxes, Rainbowfish, Snails, Spiny eels, Terrapins, Tetra, Tropical tortoises, Veiltails, blood parrot cichlids, freshwater butterflyfish, turtle |
| Animal size          | For all animal sizes   |
| Animal age group     | All aquarium fish  |
| Volume of habitat    | -  |
| Material             | Reagent(s) in plastic bottle(s) and/ or glass bottle(s) + plastic and/or glass accessories. REFILL: reagent (s) without accessories.   |
| Food type            | -  |
| Colour               | white / transparent / black  |
| Dosage               | See instructions   |
| Transport conditions | -  |





# JBL PROAQUATEST COMBISET Plus Fe

| Electronic label / illuminant |                                  |
|-------------------------------|----------------------------------|
| Product name                  | JBL PROAQUATEST COMBISET Plus Fe |
| Art. No.                      | 2409200                          |
| Ambient temperature           | -                                |
| Start time                    | -                                |
| Mercury                       | -                                |
| Tube length                   | -                                |
| Service life                  | -                                |
| Lumen                         | -                                |
| CRI value                     | -                                |
| Dimmable                      | -                                |
| Switching cycles              | -                                |
| PAR value                     | -                                |
| Energy efficiency class       | -                                |
| UV-A                          | -                                |
| UV-B                          | -                                |
| UV-C                          | -                                |
| Colour temperature            | -                                |
| Base designation              | -                                |

| Technical data                |                                  |
|-------------------------------|----------------------------------|
| Product name                  | JBL PROAQUATEST COMBISET Plus Fe |
| Art. No.                      | 2409200                          |
| Range in litres               | -                                |
| Range from - to               | -                                |
| Range in days                 | -                                |
| Range tank length             | -                                |
| Output in watts               | -                                |
| Output per hour               | -                                |
| Output per day                | -                                |
| Height                        | -                                |
| Length                        | -                                |
| Width                         | -                                |
| Diameter                      | -                                |
| Voltage                       | -                                |
| For                           | -                                |
| T8 26mm (watt)                | -                                |
| T5 16mm (watt)                | -                                |
| Size                          | -                                |
| Content for                   | -                                |
| Filter container volume       | -                                |
| Volume filter media           | -                                |
| Hose connections pressure/out | -                                |
| Hose connections suction/in   | -                                |





| Technical data |   |
|----------------|---|
| Delivery head  | - |





# JBL PROAQUATEST COMBISET Plus Fe

|                  |                  |
|------------------|------------------|
| Food type        | -                |
| Sub product type | -                |
| Dosing           | See instructions |







# JBL PROAQUATEST COMBISET Plus Fe

## Safety information

| JBL ProAquaTest Combi Set Plus Fe - safety information in accordance with GHS |   |
|---|---|
| Signal word   | Danger  |
| Hazard symbol   |   |
| Risk phrase   | H226: Flammable liquid and vapour.<br>H302: Harmful if swallowed.<br>H314: Causes severe skin burns and eye damage.<br>H317: May cause an allergic skin reaction.<br>H318: Causes serious eye damage.<br>H341: Suspected of causing genetic defects.<br>H411: Toxic to aquatic life with long lasting effects.  |
| safety note   | P101: If medical advice is needed, have product container or label at hand.<br>P102: Keep out of reach of children.<br>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].<br>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P501a: Dispose of contents/container in accordance with local regulations. |
| Hazard-determining component  | 121-57-3: sulphanilic acid<br>541-69-5: m-phenylenediamine dihydrochloride<br>5421-46-5: ammonium mercaptoacetate<br>64-19-7: Acetic acid<br>7647-01-0/1: hydrogen chloride   |



## JBL PROAQUATEST pH 3.10-10.0

| JBL pH 3-10 - safety information in accordance with GHS |   |
|---|---|
| Signal word   | Warning   |
| Hazard symbol   |   |
| Risk phrase   | H226: Flammable liquid and vapour.<br>H319: Causes serious eye irritation.  |
| safety note   | P101: If medical advice is needed, have product container or label at hand.<br>P102: Keep out of reach of children.<br>P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].<br>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P501a: Dispose of contents/container in accordance with local regulations. |








## JBL PROAQUATEST KH Carbonate hardness

| JBL KH - safety information in accordance with GHS |   |
|--|---|
| Signal word  | Danger  |
| Hazard symbol                                      |     |
| Risk phrase  | H226: Flammable liquid and vapour.<br>H314: Causes severe skin burns and eye damage.<br>H318: Causes serious eye damage.  |
| safety note  | P101: If medical advice is needed, have product container or label at hand.<br>P102: Keep out of reach of children.<br>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].<br>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P501a: Dispose of contents/container in accordance with local regulations. |

## JBL PROAQUATEST Fe Iron



| JBL Fe - safety information in accordance with GHS |   |
|--|---|
| Signal word  | Warning   |
| Hazard symbol                                      |    |
| Risk phrase  | H302: Harmful if swallowed.<br>H317: May cause an allergic skin reaction.<br>H319: Causes serious eye irritation.   |
| safety note  | P101: If medical advice is needed, have product container or label at hand.<br>P102: Keep out of reach of children.<br>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].<br>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P501a: Dispose of contents/container in accordance with local regulations. |
| Hazard-determining component                       | 5421-46-5: ammonium mercaptoacetate   |

## JBL PROAQUATEST NO2 Nitrite





| JBL NO2 1 - safety information in accordance with GHS |   |
|---|---|
| Signal word   | Danger  |
| Hazard symbol   |   |
| Risk phrase   | H226: Flammable liquid and vapour.<br>H314: Causes severe skin burns and eye damage.<br>H318: Causes serious eye damage.  |



| JBL NO2 1 - safety information in accordance with GHS |   |
|---|---|
| safety note   | P101: If medical advice is needed, have product container or label at hand.<br>P102: Keep out of reach of children.<br>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].<br>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P501a: Dispose of contents/container in accordance with local regulations. |
| Hazard-determining component                          | 64-19-7: Acetic acid  |

| JBL NO2 2 - safety information in accordance with GHS |   |
|---|---|
| Signal word   | Warning   |
| Hazard symbol   |     |
| Risk phrase   | H226: Flammable liquid and vapour.<br>H319: Causes serious eye irritation.  |
| safety note   | P101: If medical advice is needed, have product container or label at hand.<br>P102: Keep out of reach of children.<br>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].<br>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |

## JBL PROAQUATEST NO3 Nitrate

| JBL NO3 1 - safety information in accordance with GHS |   |
|---|---|
| Signal word   | Danger  |
| Hazard symbol   |      |
| Risk phrase   | H314: Causes severe skin burns and eye damage.<br>H317: May cause an allergic skin reaction.<br>H318: Causes serious eye damage.<br>H341: Suspected of causing genetic defects.<br>H411: Toxic to aquatic life with long lasting effects.   |
| safety note   | P101: If medical advice is needed, have product container or label at hand.<br>P102: Keep out of reach of children.<br>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].<br>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P501a: Dispose of contents/container in accordance with local regulations. |
| Hazard-determining component                          | 121-57-3: sulphanilic acid<br>541-69-5: m-phenylenediamine dihydrochloride<br>7647-01-0/1: hydrogen chloride  |



| JBL NO3 2 - safety information in accordance with GHS |   |
|---|---|
| Signal word   | Danger  |
| Hazard symbol   |   |
| Risk phrase   | H314: Causes severe skin burns and eye damage.<br>H317: May cause an allergic skin reaction.<br>H318: Causes serious eye damage.<br>H341: Suspected of causing genetic defects.<br>H412: Harmful to aquatic life with long lasting effects.   |
| safety note   | P101: If medical advice is needed, have product container or label at hand.<br>P102: Keep out of reach of children.<br>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].<br>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P501a: Dispose of contents/container in accordance with local regulations. |
| Hazard-determining component                          | 541-69-5: m-phenylenediamine dihydrochloride<br>7647-01-0/1: hydrogen chloride  |

| Further safety information |   |
|----------------------------|---|
| Safety instructions        | ✓ |
| QR code                    |   |





## Additional information for the specialist trade sector

| Article data         |                                  |
|----------------------|----------------------------------|
| Product name         | JBL PROAQUATEST COMBISET Plus Fe |
| Art. No.             | 2409200                          |
| VAT                  | 19%                              |
| Sales unit (SU)      | 1                                |
| Volume packaging     | 3.13l                            |
| Dimensions (l/w/h)   | 52 mm/266 mm/226 mm              |
| Layer                | 120                              |
| Pallet               | 360                              |
| Category of products | 1                                |
| Customs tariff       | 38221100                         |
| Country of origin    | DE                               |
| Type of packaging    | case                             |

| PU 1 data        |                                  |
|------------------|----------------------------------|
| Product name     | JBL PROAQUATEST COMBISET Plus Fe |
| Art. No.         | 2409200                          |
| PU 1 material    | cardboard gr                     |
| PU 1 weight      | 500 g                            |
| PU 1 length      | 540 mm                           |
| PU 1 width/depth | 260 mm                           |
| PU 1 height      | 470 mm                           |

| PU 2 data        |                                  |
|------------------|----------------------------------|
| Product name     | JBL PROAQUATEST COMBISET Plus Fe |
| Art. No.         | 2409200                          |
| PU 2 material    | None                             |
| PU 2 weight      | -                                |
| PU 2 length      | -                                |
| PU 2 width/depth | -                                |
| PU 2 height      | -                                |

| Trade data        |   |
|-------------------|---|
| Product name      | JBL PROAQUATEST COMBISET Plus Fe            |
| Art. No.          | 2409200                                     |
| Till receipt text | Test Combi Fe                               |
| Shelf placement   | Test shelf, water treatment troubleshooting |