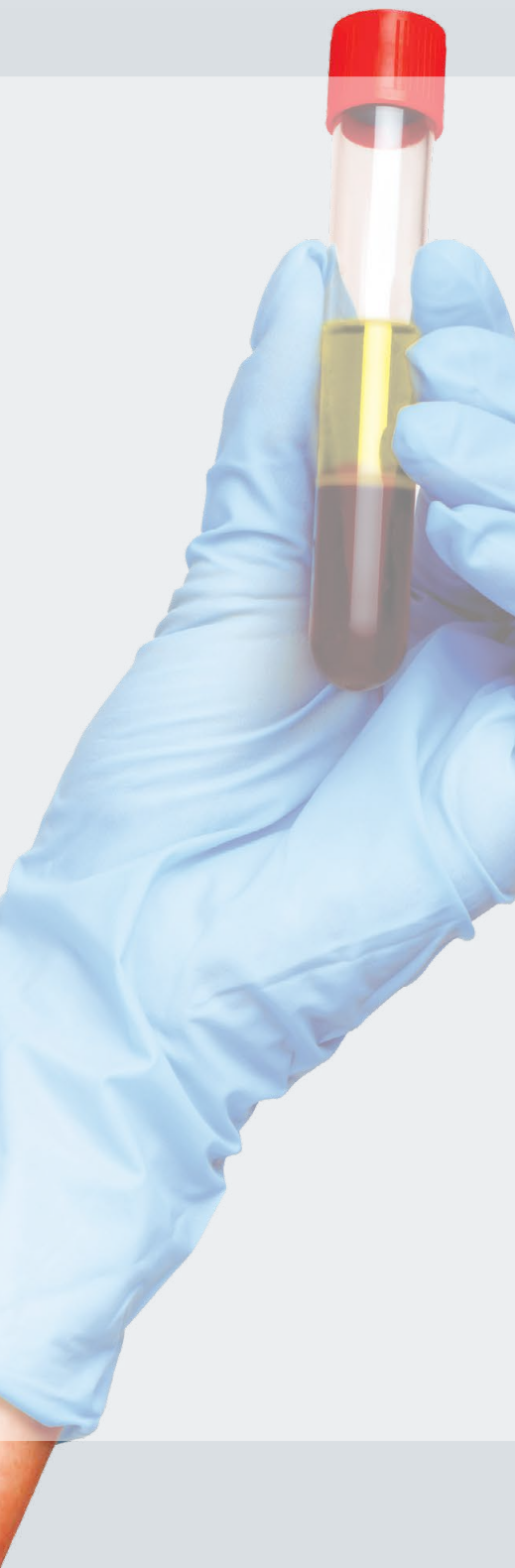


**5-in-1 test****Procleix[®] UltrioPlex E Assay****One makes the difference**

The 5-in-1 NAT assay that detects HEV, HIV-1, HIV-2, HCV, and HBV for donor screening

The challenge of the increasing relevance of Hepatitis E virus (HEV)

- HEV is one of the leading causes of acute viral hepatitis worldwide¹
- Growing trend of HEV in Europe²

20MHEV INFECTIONS
WORLDWIDE³**1 to 52%**HEV SEROPREVALENCE⁴**44,000**DEATHS IN 2015³**The 5-in-1 test with a positive impact on blood banks**

Procleix UltrioPlex E prevents the risk of transfusion-transmitted infections and improves lab operations

- Streamline workflow and operations
- Reduce environmental impact
- Improve lab staff allocation
- No additional overhead costs

SCREENING

Procleix[®] UltrioPlex E Assay

Proven sensitive HEV RNA assay for blood donor screening

Clinical sensitivity⁵

NEAT SAMPLES	N	%	95% CI
HIV-1*	125	100	97.1 - 100
HIV-2* (≥ 100 c/mL)	25	100	86.3 - 100
HIV-2* (BLQ or ≥ 10 c/mL)	62	85.5	74.2 - 93.1
HCV*	125	100	97.1 - 100
HBV**	125	100	97.1 - 100
HEV*	100	100	96.4 - 100

* RNA, ** DNA

Clinical specificity⁵

SAMPLE TYPE	NUMBER OF SAMPLES	% SPECIFICITY	95% SCORE CONFIDENCE INTERVAL
Fresh and frozen normal blood donor plasma specimens	7,948	100	99.95 - 100

Maintaining capabilities of Procleix Panther System*:

- No batch testing: continuous loading, testing, and release of results
- No end-controls
- 24-hour assay calibration
- True STAT capability
- Only 525 μ L sample volume required
- Up to 4 different assays from the same sample tube without operator intervention



THROUGHPUT
550 results
in
8 hours

FOOTPRINT
less than
1m²

* Also applicable to the Procleix Panther System featuring ART

REFERENCES

- 1 Hepatitis E and chronic liver damage in apparently immunocompetent individuals: Now what?. *Ann Hepatol.* Jul-Aug 2019;18(4):539-540.doi: 10.1016/j.aohep.2019.05.002
- 2 A case of Hepatitis E in a blood donor. *Asian J Transfus Sci.* 2015 Jan-Jun; 9(1): 82-84.
- 3 WHO HEV Fact sheet. <https://www.who.int/news-room/fact-sheets/detail/hepatitis-e>
- 4 Blood Donor Screening for Hepatitis E Virus in the European Union. *Transfus Med Hemother* 2019;46:95-103
- 5 Procleix UltrioPlex E assay package insert, GDSS-IFU-000053-EN v. 2.0

IVD

Product registration and availability vary by country.
For more information, ask your local Grifols representative.

Learn more about Procleix assays at
www.diagnostic.grifols.com

GRIFOLS

Grifols (HK) Limited
Units 1505-07 Berkshire House
25 Westlands Road, Quarry Bay
Hong Kong
Tel: +852 2161 3100

Grifols International, S.A.
Parc Empresarial Can Sant Joan
Av. De la Generalitat, 152-158
08174 Sant Cugat del Vallès
Barcelona, Spain
Tel: +34 935 710 500